

# ***Physical Assets Maintenance and Operations***

---

***Fiscal Year 2004  
Performance Baseline***



# **Physical Assets Maintenance and Operations FY 2004 Performance Baseline**

**December 2003**

**Idaho National Engineering and Environmental Laboratory  
Physical Assets M&O  
Idaho Falls, Idaho 83415**

**Prepared for the  
U.S. Department of Energy  
Office of Nuclear Energy (NE)  
Under DOE Idaho Operations Office  
Contract DE-AC07-99ID13727**

# CONTENTS

EXECUTIVE SUMMARY .....	1
Objective .....	1
Technical Content.....	1
Program Work Statement .....	7
FY 2004 Key Assumptions .....	7
FY 2004 Initiatives .....	8
PAM&O FUNCTIONAL OVERVIEW .....	27
BIN 1—BUILDING MAINTENANCE .....	29
Idaho Completion Projects (ICPs).....	29
Clean/Close Idaho Nuclear Technology Engineering Center (INTEC) .....	29
Clean/Close Test Area North (TAN).....	30
Clean/Close Radioactive Waste Management Complex (RWMC).....	30
Eliminate Mixed Low-Level Waste (MLLW) Backlog .....	30
Balance of INEEL Cleanup .....	30
INEEL .....	31
Power Burst Facility/Waste Reduction Operations Complex (PBF/WROC).....	31
Reactor Programs .....	31
Specific Manufacturing Capability(SMC)/Test Area North (TAN).....	31
Administrative and Support Buildings .....	32
BIN 2—INFRASTRUCTURE SERVICES.....	35
BIN 3—PROJECT SPECIFIC MAINTENANCE (INDEFINITE QUANTITIES) .....	41
BIN 4—SITE COMMON SERVICES .....	45
BIN 5—SITEWIDE SERVICES .....	47
BIN 6—INACTIVE BUILDINGS .....	51
SITE MAINTENANCE ACTION PLAN .....	53

Site Maintenance Action Plan Nomenclature.....	53
Facility Condition Index (FCI).....	54
Site Maintenance Action Plan Table/PAM&O FY2004 Performance Baseline Crosswalk	54
Basis for Site Maintenance Action Plan Out-Years Budget Amounts .....	54
Deferred Maintenance Statement .....	55
SMAP/AREA .....	55
Central Facilities Area.....	55
Idaho Falls	56
Idaho Nuclear Technology Engineering Center .....	56
PBF/WROC Power Burst Facility/Waste Reduction Operations Complex .....	57
Radioactive Waste Management Complex.....	57
Test Area North/Specific Manufacturing Capability.....	58
Test Reactor Area.....	60
SMAP/ Functions .....	60

## FIGURES

Figure 1. PAM&O overview.....	2
Figure 2. PAM&O work breakdown structure.....	5
Figure 3. PAM&O FY 2004 performance baseline. ....	11
Figure 4. PAM&O expenditure forecast.....	12
Figure 5. PAM&O labor profile.....	13
Figure 6. Resource profile—FTEs.....	14
Figure 7. PAM&O FY 2004 performance baseline for Bin 2.....	39

## TABLES

Table 1. INEEL active buildings.....	15
Table 2. INEEL inactive buildings. ....	25
Table 3. Bin 1 FY 2004 Work Package Summary.....	33
Table 4. Bin 2 FY 2004 Work Package Summary.....	37
Table 5. Bin 3 FY 2004 Work Package Summary.....	42
Table 6. Bin 5 FY 2004 Work Package Summary.....	49
Table 7. Bin 6 FY 2004 Work Package Summary.....	51
Table 8. Site maintenance action plans.....	65

# Physical Assets Maintenance And Operations FY 2004 Performance Baseline

## EXECUTIVE SUMMARY

### Objective

A centralized maintenance management approach has been implemented with emphasis on the following: (1) a centralized maintenance function of real property, (2) a maintenance coordination center that manages the business, (3) a maintenance function for project specific assets, (4) general services and public works, and (5) identification of real property capital upgrades (see Figure 1, Physical Assets Management and Operations Overview).

The Physical Assets Maintenance and Operations (PAM&O) organization will maintain real property assets associated with the Idaho Completion Project (ICP), and real property assets associated with the Idaho National Environment and Engineering Laboratory (INEEL) (including Indirect funded), as well as infrastructure common to both entities. The organization will maintain systems that provide condition assessment, work control, management of deferred maintenance, a prioritization process, and project management systems to plan, schedule, track, and report maintenance activities and expenditures.

A centralized maintenance of real property assets and public works approach is a key component for the ICP and INEEL to complete the accelerated cleanup plan, pursue new missions, and implement efficiencies. Major goals of the PAM&O organization are to:

- Reduce ratio of support cost to craft
- Reduce surveillance and maintenance activities for inactive facilities
- Develop documentation satisfying the eighteen elements in Department of Energy (DOE) O 433.1, "Maintenance Management Program for the DOE Nuclear Facilities"
- Establish a real property maintenance budget
- Establish an integrated site-wide prioritization and scheduling process
- Establish reliable site specific performance and financial data for benchmarking maintenance activities at Idaho.

### Technical Content

The first crucial element of planning real property and operations work scope was dividing the scope into bins and responsibility codes (previously called work categories). This enabled comparison of benchmarked building specific costs across the ICP and INEEL with generally accepted industry standards for comparable facilities.

The Non-Project Specific Maintenance scope (Bins 1, 2, 5, and 6) was planned and scheduled, and will be performed by the PAM&O organization. This scope includes buildings (roofs and skins), building systems, utilities and utility distribution systems, fire and life safety systems, custodial services, and roads

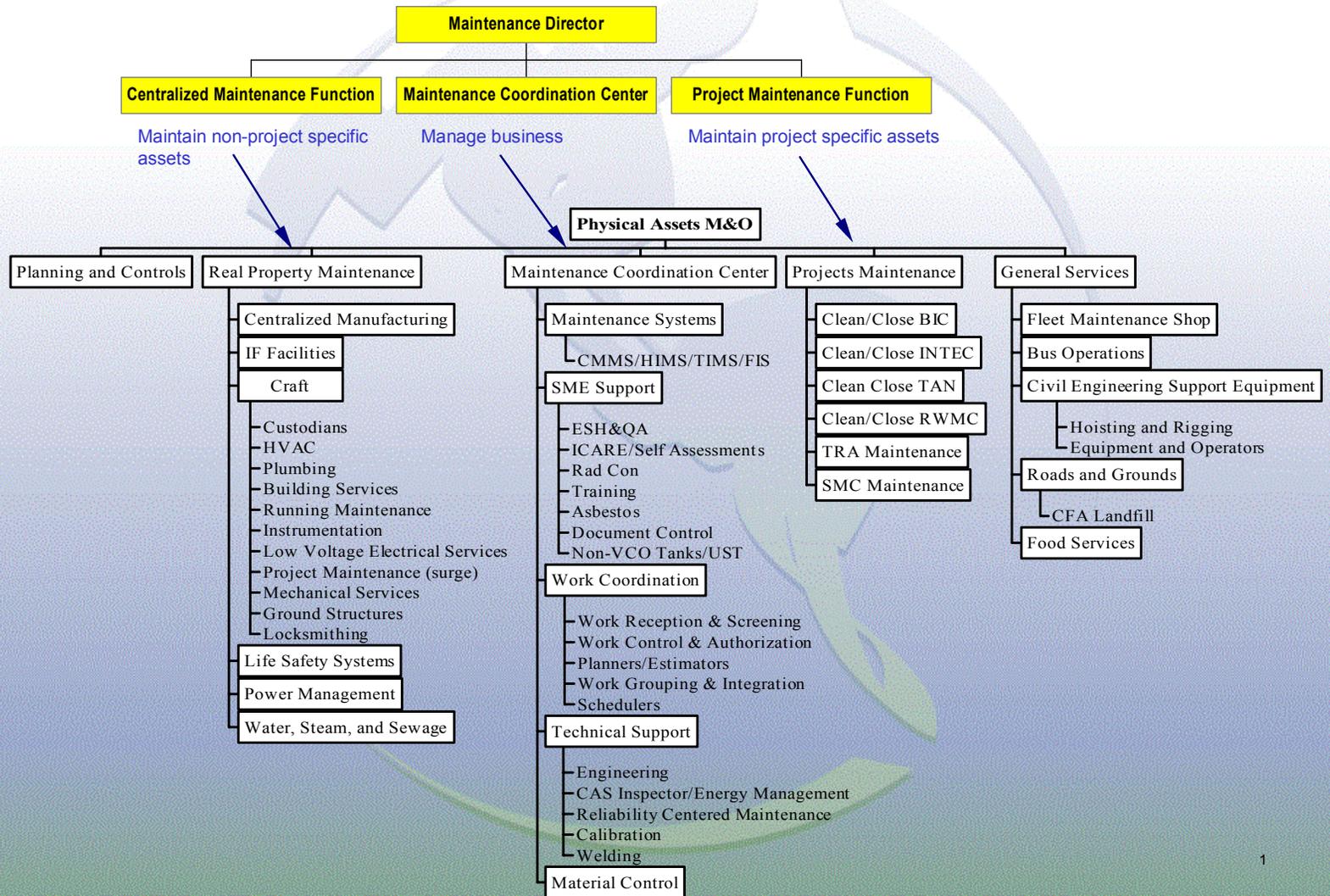


Figure 1. PAM&O overview.

and grounds. The Project Specific Maintenance (Bin 3) was planned, budgeted, and scheduled at the project level.

All maintenance activities for buildings were coded as Bin 1 with a building number, regardless of the amount or nature of programmatic activities in the building. The Executive Summary has a list of buildings planned by Projects versus those planned by the PAM&O organization. A breakdown of those buildings planned by PAM&O and those buildings planned by Projects (including Nuclear Facilities) is shown in Table 1. The planned inactive buildings are shown as Table 2.

The second crucial element was the development of a PAM&O Work Breakdown Structure (WBS) (see Figure 2). This structure will allow for a consistent and efficient method of planning, managing, executing, and reporting ICP and INEEL real property assets and operations scope. The WBS will also ensure compliance with requirements, such as capturing maintenance costs at a building level, as outlined in DOE orders and other directives. The WBS will provide for the collection of schedule, cost, and performance indicators at: (1) a site-wide functional level (utilities, power management, roads and grounds, and custodial services) which permits benchmarking to comparable standards, and (2) the ICP and INEEL.

Once the planning has been completed the next crucial element is performing the planned activities with an efficient process and systematic approach. A site-wide integrated maintenance schedule, which captures preventative, predictive, and known corrective maintenance as well as operational work scope requiring resources from the PAM&O organization will be developed in FY 2004. The 90–120 day integrated schedule will be used to: (1) project and allocate resources in support of the ICP and INEEL, and (2) identify and authorize work activities during specified periods of time.

An annual update of the Site Maintenance Action Plan (SMAP) is required to meet the reporting requirements of DOE-ID O 433.A, “Maintenance Management Program.” The SMAP information is integrated in the PAM&O Performance Baseline.

The following are definitions of the Bins specific to planning for real property assets:

**Bin 1—Building Maintenance.** The maintenance, repair, and support of real property asset’s structure/architecture; electrical wiring and instrumentation; plumbing; and heating, ventilation, and air conditioning systems. Includes other services necessary to maintain the habitability and integrity of a building envelope (i.e., roofs/skins) for the assigned occupants and missions.

**Bin 2—Infrastructure Services.** The infrastructure services outside of the buildings/structures specific to a site area, such as utilities, custodial areas, area cafeterias, fire and life safety systems, roads and grounds, and associated structures.

**Bin 3—Project Specific Maintenance (Indefinite Quantities).** The maintenance, repair, and alterations of tenant project installation, non-fixed assets, and structures that exist at the discretion of a direct project or a direct result of a project’s activity level.

**Bin 4—Site Common Services.** Left open for future use.

**Bin 5—Sitewide Services.** The support services necessary to augment the ICP and INEEL missions, such as Bus Operations and Maintenance, Fleet Management, and Manufacturing and Fabrication Shop Operations. Also includes the activities that support sustaining real property assets across all site and off-site areas, such as the site-wide asbestos program or PAM&O management.

**Bin 6—Inactive Buildings.** The surveillance and maintenance of facilities in a cold, dark, and dry state. Buildings planned for inactivation are included in this area section.

The following are the Responsibility Codes (previously called Work Category) that were used to correctly identify all activities tied to maintaining real property assets.

**C—Corrective Maintenance.** Involves actions carried out to restore a defective item to its intended function or design condition. This work includes the activities required to identify, define, develop, perform, track, trend, closeout, and improve performance of Corrective Maintenance work orders.

**M—Preventive/Predictive Maintenance.** Includes those tasks necessary for maintaining components, equipment, facilities, and other infrastructure in working order, and to extend the operating life of the item. This maintenance work includes the activities required to identify, define, develop, perform, track, trend, closeout, and improve performance of Preventive/Predictive Maintenance work orders.

**T—Minor Maintenance.** Some Corrective Maintenance activities may be performed as Minor Maintenance. Maintenance activities that meet the Minor Maintenance criteria are defined in Standard 101, “Integrated Work Control Process.”

**S—Maintenance Support.** Includes those tasks that support the performance of maintenance performed under the “C”, “M”, and “T” Responsibility Codes. Examples of functional activities that fit under code “S” are: Engineering; Work Control; Environmental, Safety, Health, and Quality; Document Control; and Planning and Control. The “S” Responsibility Codes were grouped by area and Bin.

**I—Infrastructure Services.** Includes those tasks that are not maintenance activities, but are landlord functions, such as utilities operations, power management operations, communication, security systems, roads and grounds, cafeteria, landfill, and bus/fleet.

**U—Maintenance Upgrades** An upgrade is an improvement to an item where the cost is less than \$25,000 and has a useful life of less than two years, that results in better quality, higher capacity, or an extended useful life, or work required to accommodate regulatory changes.

Figure 2. PAM&O work breakdown structure.



## Program Work Statement

Figure 3 shows the PAM&O performance baseline by Projects/Programs and bin. Figure 4 shows the expenditure forecast for labor, materials, other non-labor, subcontracts and travel, and Figure 5 shows the labor profile in hours and FTEs. See the “PAM&O Functional Overview” section, for more detailed coverage of work activities included in the *PAM&O FY 2004 Performance Baseline*. Figure 6 shows the FTE profile.

## FY 2004 Key Assumptions

- Interface agreements between Projects, area specific management, and PAM&O define the responsibilities, controls, and accountabilities for all PAM&O activities performed at the area(s).
- Real property maintenance will be controlled by the PAM&O organization. This organization has the authority to balance resources to provide necessary services to the facilities.
- An integrated site-wide maintenance schedule (90–120 days) will be used to project and allocate resources to support the ICP and INEEL.
- PAM&O WBS implements performance-based approach to real property life-cycle asset management per requirements of DOE O 430.1B, “Real Property Asset Management.”
- PAM&O WBS will support the future division of contracts (ICP/Idaho National Laboratory).
- Safe operations remain the responsibility of the ICP and INEEL area specific management.
- Integrated Safety Management System and Voluntary Protection Program are enhanced through consistent application across all geographic locations.
- Work will be executed in compliance with all applicable codes and standards.
- All deficiencies affecting safety or operability are not deferred and will be resolved in a timely manner.
- Facility changes are approved by Idaho Registered Professional Engineers.
- Operations will retain facility ownership and continue to provide facility and building managers for all areas within ICP and INEEL.
- A centralized, real property assets organization allows optimization of resources as well as improvement measurements and control of work.
- Appropriate information will be maintained to ensure effective asset management, including performance indicators.
- Estimates are based on the following FY 2004 Planning Guidance: ICP, INEEL, and Indirect.

## FY 2004 Initiatives

- Continue to improve the conduct of maintenance that is a core component of the INEEL Integrated Safety Management and Voluntary Protection Programs.
- Continue to identify cost avoidance and mortgage reduction opportunities through integrating closure plans with facility life cycle and end-state planning.
- Evaluate the maintenance, financial, quality, and configuration management systems for further system integration and data quality improvement opportunities, particularly regarding data collection at the asset level.
- Complete Authorization Basis (AB) and Mission Critical (MC) Equipment Assessment to ensure the stated equipment has been identified under configuration control and that identified preventive maintenance on the equipment is appropriate and standards-based.
- Factor the results of the ICP end-state planning into maintenance condition assessments at the system level.
- Establish company and project performance goals and demonstrate effective corrective action regarding adverse trends and delinquent reporting.
- Continue to use a uniform set of performance measures to effect significant improvements in maintenance execution (i.e., productivity of crafts and support personnel, timeliness of corrective and preventive maintenance, and reducing the backlog of maintenance).
- Ensure self-assessment and corrective actions address the program elements that comprise the maintenance area and ensure the scope of self-assessments and corrective actions addresses these elements over an appropriate time interval.
- All MC assets must be clearly identified with the Computerized Maintenance Management System (CMMS) and be managed and maintained in a manner that optimizes their useful life expectancy while minimizing costs.
- Demonstrate no missed program or enforceable milestones as a result of maintenance caused delays.
- Demonstrate effective material and calibration controls over tools and instruments used to maintain AB/MC equipment.
- Maintain an effective Hoisting and Rigging implementation at each site area that complies with National Standards and DOE policy, and results in measured performance improvements.
- Introduce graded approach for prioritizing facilities based on functional value, foreseeable mission, and remaining useful life.
- Develop a real property assets life-cycle baseline.
- Maintain the Facility and Infrastructure Sustainment Cost (FISC) model that adjusts the forecasted level of maintenance for each asset according to its life-cycle phase (i.e., active, inactive, and decommissioned).

- Establish standardized levels of services for buildings.
- Continue to improve performance indicators by benchmarking other projects and participating in DOE conferences.
- Develop a cost recovery process that will create a financial incentive for facility users to make more efficient use of occupied space.



<b>Physical Assets Maintenance and Operations FY 2004 Performance Baseline</b>						
	<b>Bin 1</b>	<b>Bin 2</b>	<b>Bin 3</b>	<b>Bin 5</b>	<b>Bin 6</b>	
	<b>Building</b>	<b>Infrastructure</b>	<b>Project Specific</b>	<b>Site-Wide</b>	<b>Inactive</b>	
	<b>Maintenance</b>	<b>Services</b>	<b>Maintenance</b>	<b>Services</b>	<b>Buildings</b>	<b>Total</b>
<b>Idaho Completion Project (ICP)</b>						
Preventive Maintenance	366,334	1,459,400	7,223,641	0	0	9,049,375
Corrective Maintenance	1,870,956	1,285,508	4,141,668	0	0	7,298,132
Minor Maintenance	496,274	0	181,160	0	0	677,434
Maintenance Support	966,388	4,334,425	2,942,720	0	0	8,243,533
Infrastructure Services	0	9,672,889	0	0	121,059	9,793,948
Non-Capital Upgrades	0	0	0	0	0	0
<b>ICP Total</b>	<b>3,699,952</b>	<b>16,752,222</b>	<b>14,489,189</b>	<b>0</b>	<b>121,059</b>	<b>35,062,422</b>
<b>Idaho National Laboratory (INL)</b>						
Preventive Maintenance	113,126	108,753	2,837,008	0	0	3,058,887
Corrective Maintenance	1,124,451	393,274	5,054,495	0	30,202	6,602,422
Minor Maintenance	81,010	557,199	255,750	0	0	893,959
Maintenance Support	903,874	567,189	8,819,294	0	0	10,290,357
Infrastructure Services	0	5,349,849	0	981,169	256,081	6,587,099
Non-Capital Upgrades	0	0	0	0	0	0
<b>INL Total</b>	<b>2,222,461</b>	<b>6,976,264</b>	<b>16,966,547</b>	<b>981,169</b>	<b>286,283</b>	<b>27,432,724</b>
<b>Indirect Funded Maintenance</b>						
Preventive Maintenance	630,077	1,750,224	0	0	0	2,380,301
Corrective Maintenance	842,810	2,059,612	0	0	0	2,902,422
Minor Maintenance	412,179	73,119	0	0	0	485,298
Maintenance Support	1,378,260	2,862,298	0	0	0	4,240,558
Infrastructure Services	4,553,972	12,798,578	0	18,576,471	0	35,929,021
Non-Capital Upgrades	104,000	0	0	0	0	104,000
<b>Indirect Total</b>	<b>7,921,298</b>	<b>19,543,831</b>	<b>0</b>	<b>18,576,471</b>	<b>0</b>	<b>46,041,600</b>
<b>Bin Totals</b>	<b>\$13,843,711</b>	<b>\$43,272,317</b>	<b>\$31,455,736</b>	<b>\$19,557,640</b>	<b>\$407,342</b>	<b>\$108,536,746</b>

Figure 3. PAM&O FY 2004 performance baseline.

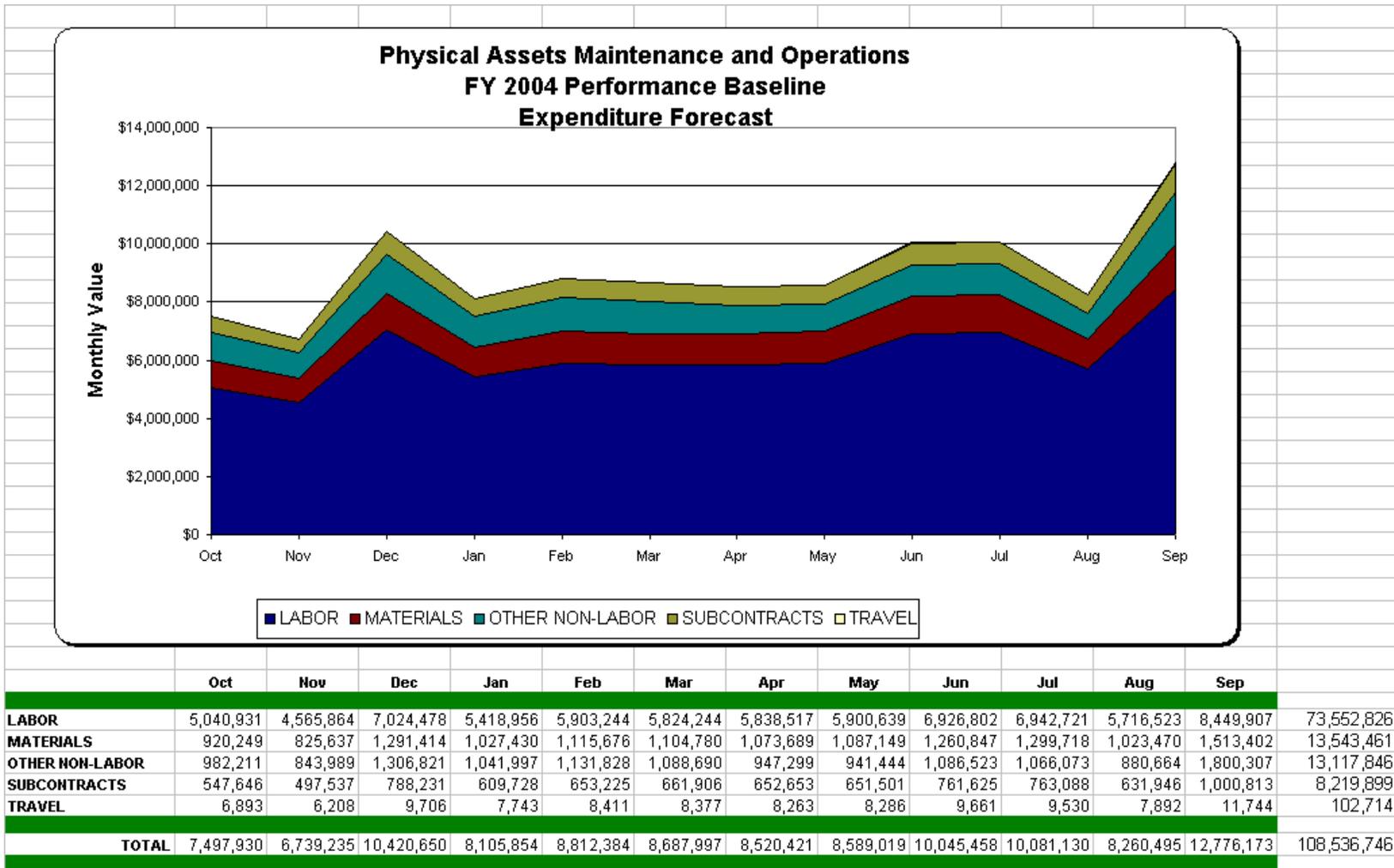
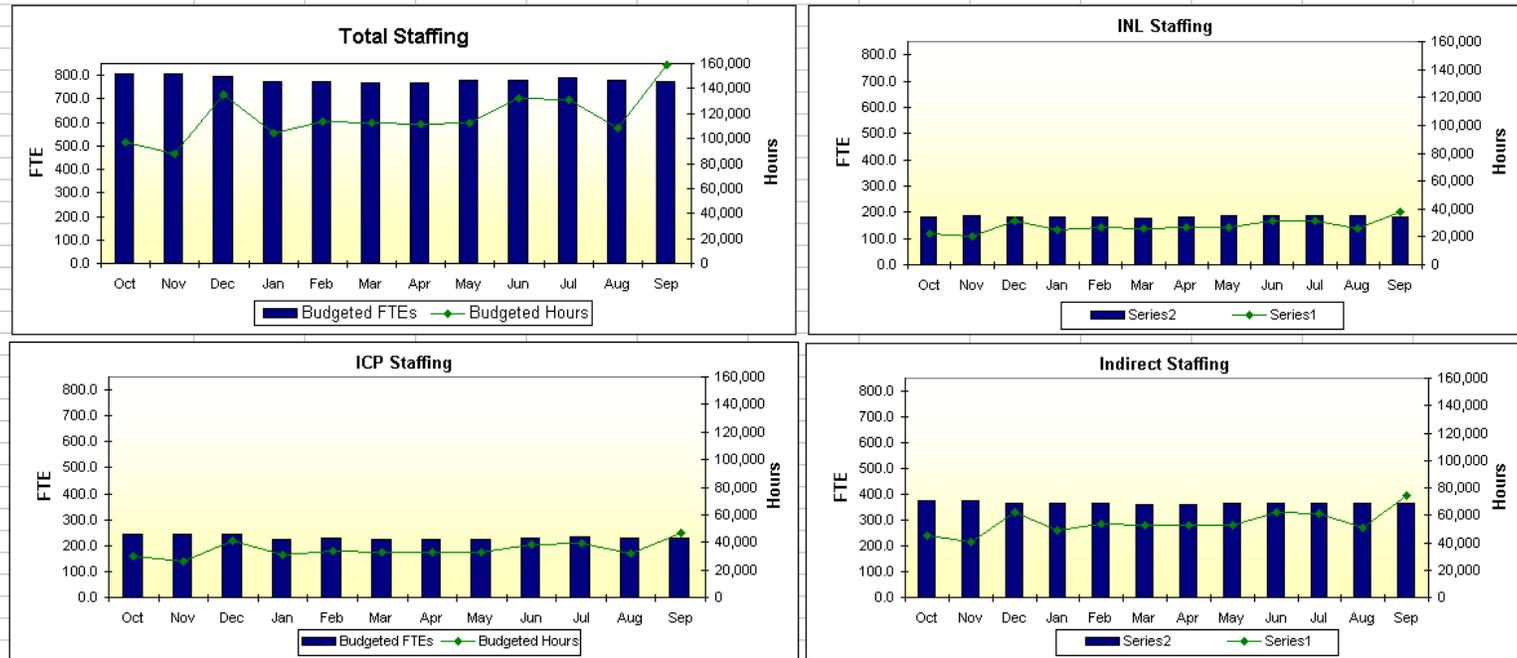


Figure 4. PAM&O expenditure forecast.

**Physical Assets Maintenance and Operations  
FY 2004 Performance Baseline  
Labor Profile**



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Total Staffing</b>												
<b>Budgeted FTEs</b>	807.0	807.0	796.0	771.0	773.0	766.0	769.0	777.0	778.0	787.0	781.0	773.0
<b>Budgeted Hours</b>	97,304	87,762	135,130	104,631	113,925	112,496	111,421	112,756	131,866	131,368	107,998	159,149
<b>ICP Staffing</b>												
<b>Budgeted FTEs</b>	246.0	244.0	245.0	226.0	227.0	225.0	223.0	226.0	227.0	234.0	227.0	227.0
<b>Budgeted Hours</b>	29,640	26,465	41,535	30,589	33,452	33,045	32,281	32,750	38,471	39,044	31,378	46,663
<b>INL Staffing</b>												
<b>Budgeted FTEs</b>	184.0	188.0	184.0	182.0	183.0	179.0	184.0	188.0	185.0	187.0	188.0	183.0
<b>Budgeted Hours</b>	22,177	20,527	31,153	24,768	26,931	26,324	26,705	27,277	31,406	31,271	26,058	37,718
<b>Indirect Staffing</b>												
<b>Budgeted FTEs</b>	377.0	375.0	367.0	363.0	363.0	362.0	362.0	363.0	366.0	366.0	366.0	363.0
<b>Budgeted Hours</b>	45,487	40,770	62,442	49,274	53,542	53,127	52,435	52,729	61,989	61,053	50,562	74,768

Figure 5. PAM&O labor profile.

<b>Physical Assets Maintenance and Operations 2004 Performance Baseline</b>						
<b>FTEs</b>	<b>Bin 1 Building Maintenance</b>	<b>Bin 2 Infrastructure Services</b>	<b>Bin 3 Project Specific Maintenance</b>	<b>Bin 5 Site-Wide Services</b>	<b>Bin 6 Inactive Buildings</b>	<b>Total</b>
<b>ICP Total</b>	29.44	86.70	115.02	0.00	0.86	232.02
<b>INEEL Total</b>	14.83	35.13	126.85	6.97	1.87	185.65
<b>Indirect Total</b>	27.54	152.20	0.00	188.24	0.00	367.98
<b>Bin Totals</b>	<b>71.81</b>	<b>274.03</b>	<b>241.87</b>	<b>195.21</b>	<b>2.73</b>	<b>785.65</b>

Figure 6. Resource profile—FTEs.

Table 1. INEEL active buildings.

Building #	Building Name	Planned	Sq. Ft.	End-Use
CFA-601	Warehouse	PAM&O	51,596	2022
CFA-602	Materials Test Laboratory	PAM&O	4,295	2006
CFA-608	Helicopter Hangar (Convert to Matls Science Spt Lab)	PAM&O	8,459	2047
CFA-609	Security Headquarters	PAM&O	38,797	2047
CFA-611	Change House	PAM&O	160	2011
CFA-612	Office and Laboratory	PAM&O	9,855	2012
CFA-614	Office Building No. 2	PAM&O	8,090	2004
CFA-615	Office Building	PAM&O	9,844	2047
CFA-616	NOAA Storage Building	PAM&O	407	2011
CFA-619	Utility Building	PAM&O	410	2008
CFA-621	Multi Craft Shop	PAM&O	10,068	2009
CFA-622	Multi Craft Shop #2	PAM&O	10,549	2009
CFA-623	Multi Craft Shop #3	PAM&O	11,384	2009
CFA-624	Multi Craft Shop #4	PAM&O	8,963	2009
CFA-625	CFA Laboratory Complex	PAM&O	7,533	2008
CFA-629	Office Building	PAM&O	9,867	2008
CFA-637	Hazardous Chemical Storage	PAM&O	2,230	2011
CFA-638	Dosimetry Calibration Laboratory	PAM&O	1,030	2010
CFA-642	Pumphouse #2	PAM&O	151	2047
CFA-651	Pumphouse	PAM&O	150	2047
CFA-661	Material Staging Building	PAM&O	4,852	2009
CFA-662	Cafeteria	PAM&O	12,582	2012
CFA-663	Core Storage Library	PAM&O	6,067	2047
CFA-664	Service Station	PAM&O	16,399	2005
CFA-666	Maintenance Support Building	PAM&O	12,146	2004
CFA-668	Communications Building	PAM&O	10,275	2047
CFA-671	Boiler House	PAM&O	1,094	2009
CFA-674	Warehouse	PAM&O	49,326	2006
CFA-676	DOE Equipment Storage	PAM&O	1,468	2011
CFA-679	Fire Station Old Generator Building	PAM&O	68	2004
CFA-681	Substation Control House	PAM&O	3,277	2047
CFA-685	Bus Depot	PAM&O	2,154	2007
CFA-686	High Bay	PAM&O	3,878	2010
CFA-688	Technical Center	PAM&O	19,381	2010
CFA-689	Technical Center	PAM&O	26,825	2010
CFA-690	Radiological Environmental Sciences Lab (RESL)	PAM&O	32,230	2010
CFA-695	Fire Safety Equipment Storage	PAM&O	1,618	2007
CFA-696	Transportation Complex	PAM&O	81,672	2045
CFA-697	Equipment Storage	PAM&O	3,200	2009
CFA-698	Standards and Calibration Laboratory	PAM&O	10,330	2047
CFA-699	Radio and Alarm Shop	PAM&O	6,383	2007
CFA-1602	Hydrant and Standpipe Facility	PAM&O	96	2011
CFA-1603	Fire Water Pumphouse	PAM&O	1,785	2047
CFA-1605	Waste Water Laboratory	PAM&O	1,334	2045
CFA-1606	Training Facility	PAM&O	4,960	2044

Building #	Building Name	Planned	Sq. Ft.	End-Use
CFA-1607	Antifreeze and Oil Dispensing Facility	PAM&O	140	2045
CFA-1608	Modular Office	PAM&O	7,056	2012
CFA-1609	DOE Modular Office	PAM&O	5,800	2012
CFA-1611	Fire Station	PAM&O	29,800	2047
CFA-1612	Medical Facility	PAM&O	22,817	2047
CFA-1614	Fire Training	PAM&O	7,425	2047
CFA-1616	Truck Scale House	PAM&O	121	2047
CFA-1618	Health Physics Instrument Laboratory (HIPL)	PAM&O	15,742	2047
ARA-617	Dynamic Processing Facility	PAM&O	1,557	2010
B16-603	Experimental Field Storage Barn	PAM&O	853	2015
B16-604	Experimental Field Station Pumphouse	PAM&O	208	2015
B16-605	NOAA Storage Building	PAM&O	703	2019
B16-606	Experimental Field Storage Building	PAM&O	334	2014
B16-610	Meteorological Balloon Shelter	PAM&O	145	2012
B21-606	West Portland Guardhouse	PAM&O	110	2040
B21-607	Weapons Range Complex Pumphouse	PAM&O	75	2029
B21-608	Weapons Range House	PAM&O	6,881	2029
B21-609	Weapons Range Firing Line	PAM&O	1,980	2029
B21-610	Firing Line Cover 5	PAM&O	810	2029
B21-611	Weapons Range Firing Stand Enclosure	PAM&O	600	2029
B21-612	CFA Land Fill Trailer	PAM&O	960	2014
B21-613	Office Trailer	PAM&O	281	2015
B21-614	Landfill Change Room (Women)	PAM&O	200	2015
B21-620	Substation Control Bldg	PAM&O	350	2016
B21-621	Air Monitoring Building	PAM&O	100	2035
B25-601	SDA Engineered Barriers Test Facility	PAM&O	2,112	2030
B27-601	Main Generator Bldg	PAM&O	133	2035
B27-602	East Portland Guardhouse	PAM&O	117	2035
B27-603	Security Badging Facility	PAM&O	6,167	2035
B27-604	Bus Passenger Shelter	PAM&O	609	2012
B27-605	Deep Well Pumphouse	PAM&O	76	2035
B27-606	Multipurpose Lab Facility	PAM&O	1,200	2054
B28-601	East Butte Communications Bldg	PAM&O	936	2055
B60-602	SECOM Bldg, Iona Butte	PAM&O	1,000	2054
B8-601	Lincoln Generator Bldg	PAM&O	133	2040
B8-602	Lincoln Guardhouse	PAM&O	108	2040
EBR-1-601	Reactor Building & Annex	PAM&O	23,700	2035
EBR-1-602	Security Control House	PAM&O	254	2035
HPTF-604	Communications Facility	PAM&O	1,100	2040
B21-622	Landfill Equipment Shop	PAM&O	4,874	2015
IF-601	Research Office Building (ROB) No. 1	PAM&O	20,000	2027
IF-602	INEEL Research Center (IRC) Offices	PAM&O	45,057	2033
IF-603	IRC Laboratory Building	PAM&O	99,189	2034
IF-604A	Technical Support Annex	PAM&O	50,500	2015
IF-604B	Technical Support Building	PAM&O	50,000	2015
IF-605	Energy Storage Technologies Laboratory	PAM&O	5,000	2041

Building #	Building Name	Planned	Sq. Ft.	End-Use
IF-606	ID South	PAM&O	65,532	2045
IF-608	INEEL Supercomputing Center (ISC)	PAM&O	37,154	2015
IF-610	Landlord Storage Building	PAM&O	894	2028
IF-611	National Security Laboratory	PAM&O	4,500	2039
IF-613	North Boulevard Annex	PAM&O	14,667	2007
IF-614	May Street North	PAM&O	3,250	2007
IF-615	May Street South	PAM&O	6,200	2007
IF-616	Willow Creek Building	PAM&O	284,100	2040
IF-617	Willow Creek Mechanical Bldg	PAM&O	6,064	2040
IF-618	University Place Library L	PAM&O	14,200	2016
IF-627	Systems Analysis Facility (SAF)	PAM&O	11,508	2038
IF-631	Bus Dispatch	PAM&O	3,500	2045
IF-635	IRC Backup Fire Water Pumphouse	PAM&O	150	2040
IF-638	IRC Physics Laboratory	PAM&O	7,700	2041
IF-639	North Holmes Laboratory	PAM&O	22,064	2007
IF-651	North Yellowstone Laboratory	PAM&O	8,000	2007
IF-654	Engineering Research Office Building	PAM&O	244,000	2045
IF-655	IRC Chemical Storage Facility	PAM&O	3,875	2045
IF-657	INEEL Engineering Demonstration Facility (IEDF)	PAM&O	8,170	2045
IF-658	Greenhouse	PAM&O	644	2015
IF-663	Records Storage Facility	PAM&O	21,060	2050
IF-664	Heyrend Way Lab	PAM&O	7,000	2007
IF-670	Bon. County Technology Cntr	PAM&O	11,908	2007
IF-671	IF Lincoln Facility	PAM&O	4,624	2004
CPP-601	Fuel Process Building (P)	Nuc Fac	57,981	2012
CPP-602	Laboratory/Office Building (L)	Nuc Fac	47,628	2020
CPP-603D	Wet and Dry Fuel Storage Facility (Dry Side) (P*3)	Nuc Fac	15,800	2022
CPP-603W	Wet and Dry Fuel Storage Facility (Wet Side) (P*2)	Nuc Fac	11,000	2022
CPP-604	Rare Gas Plant/Waste Building (P*2)	Nuc Fac	9,600	2026
CPP-605	Blower Building (P*2)	Nuc Fac	2,944	2026
CPP-606	Service Building Powerhouse (P)	PAM&O	13,510	2030
CPP-609	Cold Waste Facility Office (A)	PAM&O	981	2029
CPP-611	Water Well No. 1 Pumphouse (P)	PAM&O	980	2029
CPP-612	Water Well No. 2 Pumphouse (P)	PAM&O	980	2029
CPP-613	Substation No. 10 (P)	PAM&O	1,956	2029
CPP-614	Diesel Engine Pumphouse (P)	PAM&O	247	2029
CPP-615	Waste Water Treatment Plant (P)	PAM&O	124	2031
CPP-616	Emergency Air Compressor (P)	PAM&O	247	2029
CPP-618	Tank Farm Measure/Control (P)	Nuc Fac	247	2012
CPP-619	Waste Storage Control House (P)	Nuc Fac	372	2012
CPP-620	Chemical Engineering Laboratory High Bay (L)	Nuc Fac	4,418	2012
CPP-620A	Annex (L)	Nuc Fac	240	2012
CPP-621	Chemical Storage Pumphouse (P)	Project	742	2010
CPP-622	Tank Farm Instrument House (P)	Nuc Fac	63	2012
CPP-623	Tank Farm Instrument House (P)	Nuc Fac	63	2012
CPP-626	Change Room (A)	PAM&O	1,956	2027

Building #	Building Name	Planned	Sq. Ft.	End-Use
CPP-628	Remote Analytical Facility (L)	Nuc Fac	1,481	2012
CPP-630	Safety/Spectrometry Building (L)	Nuc Fac	22,090	2020
CPP-632	Tank Farm Instrument House (P)	Nuc Fac	63	2012
CPP-634	Waste Station WM-185 (P*2)	Nuc Fac	300	2012
CPP-635	Waste Stations WM-187 & 188 (P*2)	Nuc Fac	200	2012
CPP-636	Waste Stations WM-189 & 190 (P*2)	Nuc Fac	200	2012
CPP-637	Process Improvement Facility (L)	Nuc Fac	32,500	2012
CPP-638	Waste Station WM-180 P*2	Project	50	2012
CPP-639	Instrument Building Bin Set 1 (P*2)	Nuc Fac	372	2027
CPP-641	Waste Holdup Pumphouse (P)	Nuc Fac	372	2012
CPP-644	Substation No. 20 Emergency Power (P)	PAM&O	1,956	2031
CPP-645	Office Building (A)	PAM&O	5,863	2029
CPP-646	Instrument Building 2nd Bin Set (P*2)	Nuc Fac	50	20226
CPP-647	Instrument Building 3rd Bin Set (P*2)	Nuc Fac	50	2025
CPP-648	Sludge Tank Control House (P)	Nuc Fac	620	2010
CPP-649	Atmospheric Protection System (P)	Nuc Fac	6,100	2026
CPP-651	Unirradiated Fuel Storage Facility (P)	Nuc Fac	4,415	2010
CPP-652	Cafeteria / Offices (A)	PAM&O	7,600	2029
CPP-653	Cold Waste Handling Facility (P)	PAM&O	4,830	2029
CPP-654	Receiving Warehouse/Offices (W)	PAM&O	18,000	2014
CPP-655	Craft Shop/Warehouse (W)	PAM&O	16,000	2029
CPP-656	Office Building ( A)	PAM&O	10,000	2011
CPP-658	Instrument Building 4th Bin Set (P*2)	Nuc Fac	60	2011
CPP-659	New Waste Calcining Facility Organic Solvent Disposal(P)	Nuc Fac	77,000	2026
CPP-660	Chemical and Hazardous Material Storage (W)	PAM&O	6,100	2020
CPP-661	Guardhouse Vehicle Monitoring Facility - 2 (A)	PAM&O	375	2029
CPP-662	Maintenance/Fabrication Shop (P)	PAM&O	4,000	2029
CPP-663	Maintenance/Crafts/Warehouse Bldg (A)	PAM&O	68,200	2030
CPP-664	Quality Assurance Maintenance Office (A)	PAM&O	6,000	2004
CPP-666	Fluorinel Dissolution Process & Storage (FAST) Facility(P*3)	Nuc Fac	95,600	2012
CPP-668	Engineering Support Offices (A)	PAM&O	7,000	2011
CPP-671	Service Bldg 5th Bin Set (P-2)	Nuc Fac	300	2030
CPP-672	Contaminated Tool Storage (W)	PAM&O	1,000	2005
CPP-673	Service Bldg 6th Bin Set (P-2)	Nuc Fac	200	2024
CPP-674	Utilities Replacement Project Substation No. 40 (P)	PAM&O	455	2002
CPP-675	Utilities Replacement Project Substation No. 30 (P)	PAM&O	1,000	2002
CPP-677	Utilities Replacement Project Load Center No. 2 (P)	PAM&O	610	2031
CPP-679	Tent Fabrication Facility (W)	PAM&O	1,500	2031
CPP-682	Safety and Health Emergency Equipment Shop (W)	PAM&O	1,500	2011
CPP-683	Breathing Air Compressor (P)	PAM&O	300	2003
CPP-684	Remote Analytical Laboratory (L)	Nuc Fac	12,000	2020
CPP-685	Safeguard Data Acquisition (P)	PAM&O	150	2010
CPP-691	Fuel Processing Restoration Facility (W)	PAM&O	160,000	2012
CPP-692	Waste Stack Monitor System (P)	Nuc Fac	600	2025
CPP-693	INTEC Warehouse (W)	PAM&O	2,300	2004
CPP-694	New Waste Calcining Facility Organic Solvent Disposal (P*3)	Nuc Fac	850	2004

Building #	Building Name	Planned	Sq. Ft.	End-Use
CPP-695	Quality X-Ray Facility (L)	PAM&O	1,000	2004
CPP-697	East Guardhouse Vehicle Monitoring Facility (A)	PAM&O	3,938	2029
CPP-698	Morrison-Knudsen Office/Warehouse (A)	PAM&O	25,000	2019
CPP-699	Training/Production Office Building (A)	PAM&O	11,200	2012
CPP-1603	Landlord Storage Facility (W)	PAM&O	240	2010
CPP-1604	Office Building ( A)	PAM&O	22,500	2029
CPP-1605	Engineering Support Building (A)	PAM&O	16,800	2029
CPP-1606	Plant Support Warehouse (W)	PAM&O	17,400	2029
CPP-1607	Automatic Foam Fire Protection Building (W)	PAM&O	320	2004
CPP-1608	Contaminated Equipment Storage (W)	PAM&O	4,000	2028
CPP-1610	Salt Pit Control House (P)	PAM&O	30	2029
CPP-1611	Pond 327 Pumphouse (P)	PAM&O	25	2012
CPP-1612	Pond 326 Pumphouse (P)	PAM&O	25	2011
CPP-1615	Equipment Building Bin Set 7 (P)	Project	80	2019
CPP-1616	Glass Shop Storage (W)	PAM&O	300	2010
CPP-1617	Waste Storage Facility (W)	PAM&O	6,000	2004
CPP-1618	Liquid Effluent Treatment/Disposal Building (P*3)	Project	6,000	2026
CPP-1619	Hazardous Chemical/Radioactive Waste Facility (W)	Project	2,800	2030
CPP-1630	Fire Protection Building (W)	PAM&O	247	2004
CPP-1631	Production Computer Support (A)	PAM&O	9,600	2029
CPP-1634	Technical Development Facility (L)	PAM&O	3,157	2029
CPP-1635	Hazardous Chemical Storage Facility (W)	PAM&O	2,510	2011
CPP-1636	Warehouse (W)	PAM&O	6,000	2025
CPP-1637	Fuel Processing Restoration Weld Fabrication Shop (W)	PAM&O	8,000	2025
CPP-1638	Fuel Processing Restoration Parts Warehouse (W)	PAM&O	2,000	2025
CPP-1642	Fire Pumphouse (P)	PAM&O	660	2031
CPP-1643	Fire Pumphouse (P)	PAM&O	660	2031
CPP-1644	Bulk Chemical Unloading (P)	Project	1,650	2012
CPP-1646	Anti-C Safety Handling (W)	PAM&O	3,842	2029
CPP-1647	Demineralizer Waste Neutralizer (P)	PAM&O	672	2005
CPP-1649	Instrument Storage and Maintenance Facility (A)	PAM&O	1,744	2019
CPP-1650	Training Support Facility (A)	PAM&O	7,166	2024
CPP-1651	Operations Training Facility (A)	PAM&O	6,000	2024
CPP-1653	Subcontractor's Warehouse (W)	PAM&O	12,400	2020
CPP-1656	Warehouse (W)	PAM&O	6,065	2029
CPP-1659	Contaminated Equipment Maintenance Bldg (P)	Project	1,660	2012
CPP-1662	Remote Inspection Engineering Facility (L)	PAM&O	2,772	2020
CPP-1663	Security and Fire Protection Support (A)	PAM&O	4,800	2020
CPP-1666	Engineering Support Office (A)	PAM&O	7,168	2020
CPP-1671	Protective Force Support Facility (A)	PAM&O	3,000	2029
CPP-1672	Access Control Building (Tank Farm) (A)	Project	144	2012
CPP-1673	Utility Control Center (A)	PAM&O	1,600	2029
CPP-1674	Central Alarm Facility (A)	PAM&O	2,000	2029
CPP-1676	Oil / Hazardous Materials Building (P)	PAM&O	114	2025
CPP-1677	Change Room (A)	PAM&O	230	2012
CPP-1678	Contractor's Lunch Room/Trailer (A)	PAM&O	2,450	2019

Building #	Building Name	Planned	Sq. Ft.	End-Use
CPP-1681	Box Storage Area (W)	PAM&O	7,900	2029
CPP-1682	Kerosene Pumphouse (P)	Project	240	2012
CPP-1683	Waste Operations Control Room (A)	Nuc Fac	2,021	2029
CPP-1684	Standby Generator Facility	PAM&O	4,500	2031
CPP-1686	Access Control Facility	PAM&O	7,500	2029
CPP-T-2	Temporary Storage Building (W)	PAM&O	200	2012
CPP-T-3	Temporary Storage Building (W)	PAM&O	200	2012
CPP-TB-1	Carpenter Shop (W)	PAM&O	900	2004
CPP-TB-3	FPR Eastside Guardhouse (A)	PAM&O	500	2010
CPP-TB-5	Unloading Station (W)	PAM&O	3,150	2011
CPP-TR-19	Storage Building (W)	PAM&O	300	2005
CPP-TR-35	Office Trailer (A)	PAM&O	1,960	2005
WMF-601	Radcon Field Office (L)	PAM&O	3,280	2015
WMF-602	RWMC High Bay (W)	PAM&O	2,389	2020
WMF-603	Pumphouse (P)	PAM&O	1,387	2015
WMF-604	Change House/Lunch Room (A)	PAM&O	1,083	2015
WMF-605	Well House No. 87 (W)	Project	36	2030
WMF-609	Heavy Equipment Storage Shed (P)	PAM&O	11,166	2015
WMF-610	Stored Waste Examination Pilot Plant (SWEPP) (P)	BNFL	11,581	2012
WMF-611	Operations Support Facility (A)	PAM&O	400	2015
WMF-613	Waste Mgmt Facility Office Bldg and Operational (A)	BNFL	7,360	2015
WMF-614	Propane Vaporizer Housing (W)	BNFL	238	2012
WMF-615	SWEPP Drum Venting System Building (P*2)	BNFL	1,320	2012
WMF-617	SWEPP Maintenance Facility (P)	BNFL	1,500	2012
WMF-618	TRU Package Containers II Loading Facility (P*2)	BNFL	4,000	2012
WMF-619	Communications Building (P)	PAM&O	400	2015
WMF-620	Work Control Center Trailer (A)	PAM&O	1,456	2015
WMF-621	Work Control Support Trailer (A)	PAM&O	1,456	2015
WMF-622	Office Annex Trailer (A)	PAM&O	1,456	2015
WMF-624	Fire Riser Enclosure (W)	BNFL	64	2012
WMF-627	Propane Pump Enclosure (W)	BNFL	148	2012
WMF-628	Type II Storage Module No. 1 (P*2)	Nuc Fac	28,800	2015
WMF-629	Type II Storage Module No. 2 (P*2)	BNFL	28,800	2012
WMF-630	Type II Storage Module No.3 (P*2)	BNFL	28,800	2012
WMF-631	Type II Storage Module No. 4 (P*2)	BNFL	28,800	2012
WMF-632	Type II Storage Module No. 5 (P*2)	BNFL	28,800	2012
WMF-633	Type II Storage Module No. 6 (P*2)	BNFL	28,800	2012
WMF-634	Type II Storage Module No. 7 (P*2)	BNFL	28,800	2012
WMF-635	Type I Storage Module (P*2)	BNFL	40,746	2012
WMF-636	Transuranic Storage Area Retrieval Enclosure	BNFL	314,000	2012
WMF-637	Operations Control Building (L)	PAM&O	24,093	2015
WMF-639	Fire Water Pumphouse No. 2 (W)	PAM&O	1,787	2015
WMF-641	Vapor Vacuum Extraction Monitoring Well (W)	Project	16	2030
WMF-642	Vapor Vacuum Extraction Monitoring Well (W)	Project	16	2030
WMF-643	Vapor Vacuum Extraction Monitoring Well (W)	Project	16	2030
WMF-645	Construction Support Trailer (A)	PAM&O	1,549	2015

Building #	Building Name	Planned	Sq. Ft.	End-Use
WMF-646	Field Support Trailer (A)	PAM&O	1,549	2015
WMF-648	Intermediate Level TRU Storage Facility Trailer (W)	Nuc Fac	220	2015
WMF-649	Vapor Vacuum Extraction Monitoring Well (P)	Project	16	2015
WMF-650	Vapor Vacuum Extraction Monitoring Well (P)	Project	16	2015
WMF-653	Office Annex No. 2 Trailer (A)	PAM&O	1,454	2015
WMF-655	Material Handling Facility (P)	PAM&O	5,483	2015
WMF-656	Maintenance Facility (P)	PAM&O	5,000	2015
WMF-657	Construction Field Support Trailer (A)	PAM&O	1,586	2015
WMF-658	DOE/RWMC Office Complex (A)	PAM&O	4,560	2015
WMF-660	Automatic Transfer Switch Building (W)	BNFL	106	2012
WMF-661	Hazardous Material Storage (P*2)	PAM&O	128	2015
WMF-671	OU 7-10 Glovebox (Weather Enclosure Structure)	Project	8,800	2004
TAN-601	Guardhouse	PAM&O	2,918	2015
TAN-603	Steam Plant	PAM&O	10,048	2005
TAN-604	Misc. Laboratory Building	Project	12,364	2004
TAN-605	Substation Control House	PAM&O	1,520	2020
TAN-607	Hot Shop/Manufacturing and Assembly	Nuc Fac	150,701	2004
TAN-608	Water Filtration Bldg	PAM&O	334	2005
TAN-610	Water Pumphouse	PAM&O	1,382	2010
TAN-611	Fuel Pump House	PAM&O	419	2004
TAN-612	Deep Well Pumphouse #1	PAM&O	208	2010
TAN-613	Deep Well Pumphouse #2	PAM&O	208	2010
TAN-614	Water Pumphouse	PAM&O	1,011	2018
TAN-618	Data Collection Building	PAM&O	134	2005
TAN-623	Sewage Pumphouse	PAM&O	108	2004
TAN-628	Warehouse	Project	19,549	2010
TAN-629	Specific Manufacturing Capability Assembly Bldg	SMC	82,865	2015
TAN-632	Pumphouse Well #1	SMC	321	2015
TAN-633	Hot Cell Annex	Project	3,296	1995
TAN-636	Carpentry and Paint Shop	PAM&O	2,331	2005
TAN-639	Pumphouse Well #2	SMC	94	2015
TAN-647	Contaminated Storage Building	Project	5,274	2004
TAN-648	Storage Building	Project	6,862	2004
TAN-649	Water Filtration Bldg	Project	210	2004
TAN-653	Multi Craft Shop	PAM&O	9,285	2004
TAN-655	Liquid Waste Lift Station	PAM&O	225	2003
TAN-658	Storage Building	SMC	6,154	2004
TAN-662	Gas Cylinder & Oil Storage	Project	313	2004
TAN-664	Automotive Service Attendant Bldg	Project	144	2015
TAN-665	Firewater Pumphouse	SMC	846	2018
TAN-666	Radioactive Liquid Waste Transfer and Storage	Project	1,599	2004
TAN-667	Small Machine Shop	Project	1,860	2004
TAN-668	Heavy Equipment Cleaning	Project	2,760	2004
TAN-671	Office Trailer North	SMC	1,568	2015
TAN-672	Office Trailer South	SMC	1,568	2015
TAN-675	Phase I Utility Building	SMC	10,683	2015

Building #	Building Name	Planned	Sq. Ft.	End-Use
TAN-676	Security Guard Bldg	SMC	2,257	2015
TAN-677	Truck Docking Building	SMC	13,790	2015
TAN-678	Cafeteria	PAM&O	7,630	2015
TAN-679	Manufacturing and Assembly	SMC	56,574	2015
TAN-679A	Manufacturing and Assembly Addition	SMC	20,064	2015
TAN-680	Bus Fuel Pump Station	PAM&O	54	2015
TAN-681	Waste Treatment Building	SMC	12,619	2015
TAN-682	Storage Building	SMC	20,064	2015
TAN-686	Office Trailer	Project	3,000	2004
TAN-687	Fire Station	PAM&O	9,351	2020
TAN-688	Warehouse	SMC	20,000	2015
TAN-690	Oil Storage Facility	SMC	1,200	2015
TAN-692	Waste Storage Building	SMC	900	2015
TAN-693	Paint Shop Bldg	SMC	130	2015
TAN-694	Tank Storage Building	PAM&O	597	2004
TAN-695	Hazardous Material Storage	Project	432	2005
TAN-1601	Storage Building	PAM&O	560	2003
TAN-1611	Pump & Treat Facility (Removal of TCE fr Groundwater)	Project	1,500	2025
TAN-1612	Fire Water Pump House	PAM&O	120	2020
TAN-1613	Chemical Storage Building	SMC	400	2015
TRA-601	Deep Well Pumphouse No. 1	Project	280	2015
TRA-602	Deep Well Pumphouse No. 2	PAM&O	489	2010
TRA-603	Materials Test Reactor (MTR)	Project	45,184	2010
TRA-604	MTR Wing A	Project	41,744	2012
TRA-605	Process Water Building	Project	22,040	2015
TRA-607	Carpenter Shop	PAM&O	2,433	2012
TRA-608	Demineralizer Water	Nuc Fac	4,900	2015
TRA-609	Steam Plant	Nuc Fac	9,248	2015
TRA-610	MTR Fan House	Project	3,216	2012
TRA-614	Office Building/Bunkhouse	PAM&O	6,200	2006
TRA-616	Cafeteria	PAM&O	4,197	2006
TRA-619	Raw Water Pumphouse	Nuc Fac	2,572	
TRA-620	Office Building	PAM&O	1,888	2008
TRA-621	Nuclear Material Inspection and Storage	Nuc Fac	7,116	
TRA-622	Cold Waste Handling Facility	PAM&O	1,338	2012
TRA-623	Substation Control Building	Project	1,823	
TRA-625	Maintenance Support Building	Project	7,683	
TRA-627	Fuel Oil Pumphouse	Project	701	
TRA-628	TRA Office Building No. 1	Project	13,013	2008
TRA-629	Gas Cylinder Storage Building	Project	710	
TRA-632	Hot Cell Building	Nuc Fac	17,037	
TRA-633	Diesel Firewater Pumphouse	Nuc Fac	1,063	
TRA-634	Advanced Test Reactor Storage	Project	8,400	
TRA-635	Material Receiving and Laboratory	Project	22,046	2010
TRA-637	Bunkhouse Trailer	PAM&O	600	2008
TRA-638	Training Trailer	PAM&O	2,040	2015

Building #	Building Name	Planned	Sq. Ft.	End-Use
TRA-640	Hazardous Chemical Storage Building	PAM&O	1,800	2012
TRA-648	Engineering Test Reactor Electrical Building	Project	9,785	2005
TRA-649	MTR Office Building Wing C	Project	6,852	2008
TRA-650	Deep Well Pumphouse No. 3	Project	405	
TRA-651	Maintenance Storage Building	PAM&O	672	2010
TRA-652	MTR Office Building Wing B	Project	13,407	2008
TRA-653	Maintenance Building	PAM&O	29,661	2013
TRA-654	General Laboratory/High Bay (ETRC)	PAM&O	2,400	2012
TRA-656	Maintenance Storage Building	PAM&O	850	
TRA-657	MTR Plug Storage	Nuc Fac	5,000	2012
TRA-658	TRA Access Control Facility	PAM&O	4,768	
TRA-660	Advanced Reactivity Measurement Facility	Project	2,400	2011
TRA-661	Radiochemistry Laboratories	Project	7,760	2011
TRA-662	Receiving and Storage Building	PAM&O	14,830	2015
TRA-665	Storage Building	Project	776	2010
TRA-666	Hydraulic Test Facility	Project	2,400	2015
TRA-666A	Tritium Laboratory	Project	1,920	2015
TRA-667	Dispensary and Office Building	PAM&O	4,168	2008
TRA-668	MTR North Wing Extension	Project	3,596	2010
TRA-670	ATR Reactor Building	Nuc Fac	140,694	
TRA-671	ATR Cooling Tower Pumphouse	Nuc Fac	2,500	
TRA-672	Deep Well Pumphouse No. 4	Project	321	2027
TRA-673	Storage Building	Project	1,200	
TRA-674	Diesel Generator Building	Nuc Fac	704	2015
TRA-677	Acid/Caustic Storage Facility	PAM&O	793	2008
TRA-678	Office Building No. 2	Project	4,968	2012
TRA-679	Nuclear Training Facility	Project	9,600	
TRA-680	Emergency Command Center	Project	4,960	
TRA-681	Temporary Accumulation Area No. 1	Project	120	2012
TRA-682	Temporary Accumulation Area No. 2	Project	120	2012
TRA-683	Temporary Accumulation Area No. 3	Project	120	2012
TRA-684	Temporary Accumulation Area No. 4	Project	120	2012
TRA-685	Temporary Accumulation Area No. 5	Project	120	2012
TRA-686	Temporary Accumulation Area No. 6	Project	120	2012
TRA-687	Gas Bottle Storage Facility	Project	1,000	2012
TRA-688	Fire Water Pump House	Nuc Fac	1,500	
TRA-689	Radiological Waste Building	Project	4,230	2027
TRA-690	Storage Building	Project	80	2010
TRA-691	Manhole Shelter	Project	25	
TRA-692	Manhole Shelter	Project	25	
TRA-694	Retention Pond Sample House	Project	120	
PER-602	No. 1 Well House	PAM&O	356	2006
PER-606	Instrument Cell	PAM&O	230	1992
PER-608	Substation Control House	PAM&O	2,894	2010
PER-609	Waste Experimental Reduction Facility (WERF)	PAM&O	14,706	2013
PER-612	Waste Engineering Development Facility	PAM&O	7,937	2005

Building #	Building Name	Planned	Sq. Ft.	End-Use
PER-613	Mixed Waste Storage Facility	PAM&O	10,364	2003
PER-614	Pumphouse No. 2	PAM&O	251	2006
PER-619	Control Building	PAM&O	5,788	2006
PER-620	Reactor Building	Nuc Fac	18,902	2003
PER-621	Emergency Generator Building	PAM&O	320	2008
PER-622	WERF Compaction and Sizing Facility	PAM&O	5,075	2004
PER-623	WERF Waste Storage Facility	PAM&O	9,803	2003
PER-624	Auxiliary Building	PAM&O	192	2004
PER-625	Maintenance and Storage Building	Nuc Fac	3,200	2008
PER-627	Gas Cylinder Storage Building	PAM&O	130	2008
PER-629	Stack Gas Monitor Building	Nuc Fac	90	2008
PER-632	WROC Support Building	PAM&O	8,050	2007
PER-634	Fire Water Pumphouse	PAM&O	750	2004
PER-635	WERF Auxiliary Building	Project	3,424	2002
PER-638	Water Pumphouse	PAM&O	2,508	2007
PER-641	WROC Operations Support Building	PAM&O	6,775	2003

Table 2. INEEL inactive buildings.

Building #	Building Name	Planned	Sq. Ft.	End-Use
CFA-603	Dispensary	PAM&O	15,005	1997
CFA-604	Emergency Generator Building	PAM&O	210	1995
CFA-606	Office Building	PAM&O	7,105	1995
CFA-607	Office Building	PAM&O	3,115	1996
CFA-613	Bunkhouse	PAM&O	2,942	1995
CFA-632	Boiler Operations Lunchroom	PAM&O	301	1996
CFA-633	Health Physics Instrument Laboratory (HIPL)	PAM&O	18,596	2003
CFA-635	Storage Bunker	PAM&O	266	1998
CFA-646	Storage	PAM&O	223	2002
CFA-650	Heating Plant	PAM&O	1,513	2003
CFA-660	Laborer and Equipment Operator Bldg	PAM&O	5,454	2002
CFA-667	Storage Building	PAM&O	6,257	2002
CFA-675	Generator Building	PAM&O	145	1997
CFA-680	Storage Building	PAM&O	79	1995
CFA-684	Flammable Material Storage	PAM&O	256	2002
CFA-692	Scale House	PAM&O	99	1997
CFA-1610	Modular Office	PAM&O	4,700	2002
B16-607	Training and Storage Bldg	PAM&O	1,220	2002
B23-602	Taylor Generator Building	PAM&O	100	1993
IF-659	Woodruff Avenue Warehouse	PAM&O	6,700	2002
CPP-608	Storage Building (W)	PAM&O	2,600	1998
CPP-617	Storage Building (W)	PAM&O	4,936	2000
CPP-627	Remote Analytical Facility (L)	PAM&O	14,727	1991
CPP-629	Office Building (A)	PAM&O	6,869	2001
CPP-640	Headend Process Plant (P)	PAM&O	13,000	1991
CPP-642	Hot Waste Pumphouse (P)	PAM&O	100	1989
CPP-665	Fuel Processing Restoration Office (A)	PAM&O	19,200	2001
CPP-687	Coal-Fired Boiler House (P)	PAM&O	39,062	2000
CPP-688	Coal Plant Unloading Building (P)	PAM&O	10,625	2000
CPP-689	Coal Plant Guardhouse (A)	PAM&O	100	2000
CPP-690	Coal Plant Storage Building (W)	PAM&O	1,300	2000
CPP-696	Coal Plant Offices (A)	PAM&O	800	2000
CPP-T-1	Construction Management Building (A)	PAM&O	900	1996
CPP-T-5	Temporary Office Building (W)	PAM&O	900	1996
CPP-TB-4	Morrison-Knudsen Craft Lunchroom (A)	PAM&O	4,800	2002
CPP-TB-6	Quality Office Building (A)	PAM&O	1,116	1997
TAN-602	Administration Building	Project	47,803	1995
TAN-606	Maintenance Shop	Project	5,752	2002
TAN-609	Equipment Maintenance Shop	Project	2,894	1995
TAN-616	Liquid Waste Treatment Facility	Project	2,958	1980
TAN-624	Containment Building	Project	3,036	1986
TAN-630	Control & Equipment Building	Project	22,354	1986
TAN-631	Tank Building	Project	1,625	1986
TAN-635	H & V 10 (So. CAM) Building	Project	192	1986
TAN-637	Compressor Building	Project	87	1995

Building #	Building Name	Planned	Sq. Ft.	End-Use
TAN-640	Assembly and Test Building	Project	3,345	2001
TAN-641	Control and Equipment Building	Project	14,675	2001
TAN-642	Guardhouse	Project	128	2002
TAN-643	Chlorination Building	Project	64	1990
TAN-644	Deep Well Pumphouse	Project	311	2001
TAN-645	Control and Administration Building	Project	8,146	2002
TAN-646	Assembly and Test Building	Project	16,870	2002
TAN-650	Containment Service Building	Project	34,666	2001
TAN-651	Heat Stress Relief Structure	Project	816	1986
TAN-652	Fire Protection Pumphouse	Project	676	2001
TAN-654	Metal Storage Building	Project	263	2002
TAN-657	Heat Stress Control Building	Project	372	1986
TAN-659	Control Building	Project	128	1986
TAN-663	H & V 10 (No. CAM) Building	Project	63	1986
TAN-670	Chlorine Treatment Building	Project	48	1995
TAN-1610	Hazardous Material Storage	Project	150	2001
TRA-611	Plug Storage Building	PAM&O	100	1973
TRA-612	Retention Sump Pumphouse	PAM&O	225	1993
TRA-613A	Hot Waste Pump Pit	PAM&O	310	2001
TRA-613B	Hot Waste Pump Pit	PAM&O	210	2001
TRA-615	Meteorological Instrument Building	PAM&O	36	2002
TRA-618	Warehouse	PAM&O	14,975	2000
TRA-624	Sewage Treatment Building	PAM&O	111	1996
TRA-626	Maintenance Storage Building	PAM&O	1,472	2006
TRA-630	Catch Tank Pumphouse	PAM&O	396	2001
TRA-631	Acid Pumphouse	PAM&O	336	1996
TRA-636	Retention Basin Inlet Sampling	PAM&O	86	
TRA-641	Gamma Building	PAM&O	2,365	2003
TRA-642	Engineering Test Reactor Building	PAM&O	47,762	1981
TRA-643	ETR Compressor Building	PAM&O	11,151	1981
TRA-644	ETR Heat Exchanger Building	PAM&O	6,793	1981
TRA-647	ETR Office Building	PAM&O	11,793	2002
TRA-655	ETR Intake Building	PAM&O	300	1981
TRA-663	Superior Diesel Building	PAM&O	1,120	2002
TRA-664	Hot Storage Building	PAM&O	800	2002
TRA-669	Cold Storage Building	PAM&O	2,300	2002
TRA-675	Waste Oil Dumpster Shed	PAM&O	150	1997
TRA-676	Waste Heat Recovery	PAM&O	2,107	
PER-601	Control Building and Addition	Project	8,048	2002
PER-604	Terminal Building	Project	610	1992
PER-616	Storage Building	Project	820	2002
PER-617	Storage Building	Project	368	2002
PER-626	Storage Building	Project	586	2002

## **PAM&O FUNCTIONAL OVERVIEW**

As the Lead Program Secretarial Office for the INEEL, NE-ID is accountable for the proper stewardship of real property assets at the INEEL, including maintaining the condition of the infrastructure to support mission activities reliably, efficiently, and effectively. Per DOE O 430.1B, "*Real Property Asset Management*," real property assets are defined as DOE-owned or DOE-used and controlled land, land improvements, buildings, utilities and utility distribution systems, ground improvements, and other structures. The order also states that a maintenance management program is required to maintain all real property assets, including plant, property, and equipment in a condition suitable for intended use.

Following is a summary of the PAM&O functional responsibilities performed in support of the Idaho Completion Projects (ICPs) and major INEEL Projects/Programs. The functions are grouped by appropriate Bin and specific Projects/Programs, as well as cross cutting activities performed by PAM&O.



## **BIN 1—BUILDING MAINTENANCE**

The 517 INEEL buildings (building square footage of 4,981,480) range in age from new to 61 years old, with an average age of 26 years. The average reactor age is 39 years, and key process and laboratory facilities are approaching 30 years. The breakdown of the INEEL's buildings is:

Description	Square Footage	Percentage
Office and Administrative	1,303,886	26.2
Production/Plant	933,145	18.7
Research/Laboratory	512,596	10.3
Excess	478,073	9.6
Reactor	140,694	2.8
Service	398,100	8.0
Storage	1,214,986	24.4
<b>Total</b>	<b>4,981,480</b>	<b>100.0</b>

Mission end dates have been established and published for each Project/Program based on the currently forecasted completion of project(s)/program(s) work (see Table 1). Table 3 shows the Bin 1 FY 2004 Work Package Summary.

### **Idaho Completion Projects (ICPs)**

The ICPs are focused on one common goal—reducing risk and completing cleanup at the INEEL. Three of the five ICPs are focused on cleanup of specific areas at the INEEL.

### **Clean/Close Idaho Nuclear Technology Engineering Center (INTEC)**

The INTEC has been designated as the primary consolidation and operating site for the Environment Management (EM) work. Project activities include consolidation, repackaging, and storing of spent nuclear fuel (until such time as the spent fuel can be shipped off-site), waste treatment, tank farm closure, and excess facilities disposition.

There are 138 buildings (excluding trailers and other structures) at INTEC with an average age of 25 years. The types of buildings include administrative, maintenance, process, storage, laboratory, and special use. Fifty eight percent of the buildings are in fair to excellent condition, while 42% of the buildings are in poor to very poor condition.

INTEC mission critical buildings include: CPP-602 (Laboratory and Offices), CPP-603 (Dry Fuel Storage Facility), CPP-606 (Service Building Powerhouse), CPP-630 (Safety/Spectrometry), CPP-659 (New Waste Calcine Facility), CPP-663 (Maintenance Craft Shop), and CPP-691 (Fuel Processing Restoration Facility). Key INTEC facilities that will continue to support the INEEL missions include multi-program laboratories, consolidated craft shops, and the Remote Analytical Laboratory.

## **Clean/Close Test Area North (TAN)**

The Clean/Close TAN Project consists of the EM-related work within the confines of the Technical Support Facility (TSF), Contained Test Facility (CTF), and Water Reactor Research Test Facility (WRRTF) perimeter fences. The TAN Project includes the Loss-of-Fluid-Test (LOFT) deactivation, decontamination, and decommissioning but excludes the Specific Manufacturing Capabilities (SMC).

The Clean/Close TAN Project will DD&D 47 buildings and 46 structures; remediate V-tanks and the PM2A tanks; and close remaining tanks and remediate associated soils.

The Clean/Close TAN Project includes the closure or transfer of the TAN-607 hot shop and spent nuclear fuel pool, deactivation, decontamination, and decommissioning (DD&D) of approximately 240,000 square feet of potentially contaminated facilities, and deactivation and decommissioning of approximately 169,000 square feet of non-contaminated facilities. Final disposition of most of the area will be completed prior to 2012. At the end state, EM facilities at TAN will be DD&D or transferred to the NE Landlord.

## **Clean/Close Radioactive Waste Management Complex (RWMC)**

The Clean/Close RWMC Project will characterize and remediate subsurface disposal areas including Pit 9, dispose of stored remote-handled transuranic waste (RH-TRU) waste at the Waste Isolation Pilot Plant (WIPP), and remove unneeded buildings and structures.

The Clean/Close RWMC subprojects include managing the infrastructure integration with RWMC project completion, including the transition of buildings to British Nuclear Fuel Limited (BNFL); closing the Transuranic Storage Area (temporary storage of contact- and remote-handled solid transuranic wastes); and dismantling buildings.

The RWMC is divided into four zones: (1) Administrative Area, (2) Operations Zone, (3) Subsurface Disposal Area, and the (4) Transuranic Storage Area. The entire Transuranic Storage Area, with the exception of the WMF-628 Type II Storage Module have been transferred to BNFL. BNFL will also have access to 40 office spaces in the RWMC Administrative Area.

The buildings supporting the RWMC mission are in good or excellent condition. There are 48 buildings with an average age of 7 years supporting the ICP.

## **Eliminate Mixed Low-Level Waste (MLLW) Backlog**

The Eliminate Mixed Low-Level Waste (MLLW) Backlog Project provides cross cutting services to each ICP for the disposition of the MLLW and low-level waste inventory.

## **Balance of INEEL Cleanup**

One ICP, Balance of INEEL Cleanup (BIC), focuses on cleanup of several areas at the INEEL and provides cross DD&D, basin coordination, and Voluntary Consent Order (VCO) services. Deactivation of EM buildings at the Power Burst Facility/Waste Reduction Operations Complex (PBF/WROC) has begun (PBF reactor and its 17 ancillary buildings and structures).

## **INEEL**

In July 2002, DOE Secretary Abraham established the INEEL as the nation's leading center for nuclear energy research and development. The INEEL vision is to be the lead U.S. research laboratory in nuclear science and engineering—providing the next generation technology for the U.S. and the world—recognized for providing solutions to energy, security, and scientific challenges.

The INEEL's principal mission is to develop and demonstrate advanced nuclear technologies that provide clean, abundant, affordable, and reliable energy. Basic and applied research is also conducted to protect the nation's critical infrastructure and enhance national security, facilitate DOE's legacy cleanup and stewardship responsibilities, and advance energy-related science.

### **Power Burst Facility/Waste Reduction Operations Complex (PBF/WROC)**

The active site infrastructure buildings at PBF/WROC are planned for multi-programmatic use. These buildings and structures are in relatively good condition. There are 26 buildings with an average age of 30 years. Some of the buildings are under consideration for transfer to the Office of Nuclear Energy for the Homeland Security Projects.

### **Reactor Programs**

The Reactor Programs and the TRA provide support to the Nuclear Energy mission of the INEEL and the DOE. The primary focus of the program is the operation and maintenance of the Advanced Test Reactor (ATR), which supports materials and fuel testing for the development of Naval nuclear propulsion technology. In addition, the ATR provides irradiation services that support a broad range of experiments (DOE, Naval Reactors, private industry, and international customers). The Reactor Program also has responsibility for training and research at U.S. educational institutions, i.e., University Reactor Fuel Assistance Program. In addition, the ATR is planned to provide major support in the development of next-generation nuclear power systems and other advanced nuclear technologies.

Other significant nuclear operations being conducted at the TRA include: (1) Radiochemistry Laboratory Operations, (2) Hot Cell Operations, and (3) the Safety and Tritium Applications Research Program.

Since the early 1950s, facilities for operation of experimental nuclear reactors, physics and chemical laboratories, administrative space, and other plant support have been provided at TRA. There are currently 89 buildings at the TRA ranging in age from those built in the early 1950s, to new buildings and structures. Many of the active, older buildings need major renovations or replacement.

The buildings have been modified to fit the changing needs of the INEEL, and they provide five major types of functional space: (1) reactor, (2) laboratory, (3) office, (4) training, and (5) craft support for maintenance. Twelve percent of these buildings are in excellent condition, 35% are in good condition, and the remaining 53% are in fair to poor condition.

### **Specific Manufacturing Capability(SMC)/Test Area North (TAN)**

The SMC Program supports the production, research, and development of depleted uranium armor and survivability systems for the U.S. Army M1-A2 Abrams Tank Program. The SMC Program is the principal program at the Contained Test Facility. Current projections for the life of this program extend to

2015. There are 80 buildings with an average age of 25 years. NE is the landlord for 29 key active buildings used by the SMC Program.

## **Administrative and Support Buildings**

Administrative and support buildings that provide medical, fire fighting, transportation, security, communications, electrical power, instrument calibration, warehouses, and health physics services for the ICP and INEEL are located at the Central Facilities Area (CFA).

Seventy-eight craft shops, laboratories, warehouses, storage facilities, service facilities and technical and administrative support buildings are located at CFA. Although some newer facilities exist in the area, the average of buildings at CFA is 28 years. However, a majority of the buildings are generally in good condition as a result of major investments in the last decade.

Buildings in the Idaho Falls (IF) Area are the newest buildings of all the site areas. Idaho Falls has a total of 30 buildings; 14 owned, and 16 leased. The average age of the owned building is 19 years and the average age of leased facilities is 20 years. The IF buildings provide training, administrative, technical, computer, and laboratory work space in support of DOE and other U.S. Government agencies. The DOE owns the INEEL Research Center (which consists of 13 buildings) and the INEEL Supercomputing Center. All other facilities in the IF Area are leased. The 13 buildings DOE owns at the INEEL Research Center are no more than 15 years old and are in good condition. The DOE-owned INEEL Supercomputing Center building, which was built in 1968, is in good condition.

Key buildings include the Research Laboratories, Energy Storage Technology Laboratory, Supercomputing Center, National Security Laboratory, Systems Analysis Facility, Physics Laboratory, Chemical Storage Facility, Engineering Demonstration Facility, and the Engineering Research Office Building.

The Sitewide Area includes all the land outside the boundaries of the primary areas supporting ICP and INEEL. The Sitewide Area also includes Howe Peak and two off-site, leased buildings—one in Boise and one in Pocatello. The few buildings located in the outlying Sitewide Area include such things as guard posts, a weapons training complex, pump houses, and landfill support buildings.

There are 32 buildings with an average age of 29 years. Key Sitewide facilities include the Firing Range (a security force training center), the Experimental Breeder Reactor I historical site, entrance and exit guard gate facilities, and small structures and utility buildings, such as pump houses and communication buildings.

Table 3. Bin 1 FY 2004 Work Package Summary.

WBS#	Title	Annual BCWS
A.1.01.00.00.03.WA	INTEC Bin 1 (ICP) PAM&O Maintenance	2,058,342
A.1.01.00.00.04.W1	New Waste Calcine Facility (NWCF) PMs	124,589
A.1.01.00.00.04.W2	NWCF CMs	126,031
A.1.01.00.00.04.W3	Waste PMs	20,603
A.1.01.00.00.04.W4	Waste CMs	70,665
A.1.01.00.00.04.W5	Lab PMs and CMs	64,531
A.1.01.00.00.04.W6	Spent Nuclear Fuels (SNF) PMs	42,922
A.1.01.00.00.04.W7	SNF CMs	376,586
A.1.01.00.00.04.W9	CPP-601 CMs & PMs	42,228
A.1.01.00.00.04.WA	Tech Dev PM and CM incl CPP-637	29,078
A.1.03.00.00.11.01	RWMC Bin 1 (ICP) PAM&O Maintenance	599,102
A.1.04.00.04.DD.02	WROC PAM&O Maintenance	96,189
A.1.04.00.04.EE.02	PBF PAM&O Maintenance	49,086
C.4.01.01.05.03.08	ATR Preventive and Corrective Maintenance Bin 1	38,025
C.4.01.02.02.01.08	TRA Building Maintenance (Bin 1)	1,168,109
C.4.01.02.16.03.07	TRA Hot Cell (HC) Building Maintenance (Bin 1)	18,616
C.4.02.01.01.AB.71	BIN 1 Corrective Building/Structure	663,735
C.4.02.01.01.AB.72	BIN 1 Preventive Building/Structure	158,865
C.4.02.01.01.AB.73	BIN 1 Minor Building/Structure	175,113
C.5.03.01.52.01.03	EBR 1 Preventative Maintenance (Bin 1)	141,100
C.5.04.01.14.01.02	IF Bin 1 Maintenance	472,715
C.5.04.01.14.01.03	IF Leases	5,219,955
C.5.04.01.16.01.02	TAN Bin 1 Maintenance	290,599
C.5.04.01.17.01.01	TRA Bin 1 Maintenance	169,033
C.5.04.01.18.01.03	CFA Facilities Preventative Maintenance (Bin 1)	158,941
C.5.04.01.18.01.04	CFA Facilities Corrective Maintenance (Bin 1)	1,014,422
C.5.04.01.19.01.01	PBF Bin 1 Maintenance	454,533
Total		13,843,711



## BIN 2—INFRASTRUCTURE SERVICES

The vast support system necessary to augment the ICP and INEEL missions and infrastructure is discussed below according to the PAM&O functional responsibilities. Figure 7 shows the PAM&O Bin 2 performance baseline. Table 4 shows the Bin 2 FY 2004 Work Package Summary.

**Utilities.** Utility systems under the purview of the PAM&O organization include: (1) fire water, (2) potable water, (3) raw water, (4) electrical, (5) standby power, (6) propane, (7) sewer, (8) steam and condensate, (9) demineralized water, (10) treated water, and (11) plant compressed air. These systems are managed and operated for 24 hours a day, 365 days a year.

Portions of the INEEL use steam for processes and space heating. The underground steam systems, condensate piping, and cathodic protection systems are vital to plant operations, but in many cases are over 35 years old and require frequent repairs.

The water supply is an important part of the infrastructure and is essential to future missions. Deep wells and pumps are used to supply water for domestic use, facility fire protection, and plant cooling. The current wells, pumps, and tanks are not adequate and have no back-up power source.

Public utility companies provide and maintain the water, sewer, natural gas, and electric utilities for the INEEL facilities in IF.

**Power Management.** Electrical power is currently supplied to the INEEL from Idaho Power Company (a privately owned utility) on a 5-year contract. Commercial power is supplied to all facilities of the INEEL via approximately 61 miles of 138kV power lines, about 70 miles of medium voltage distribution lines, and 7 major substations with a cumulative substation transformer capacity of 342 MVA.

Electrical power to the high voltage system at the INEEL site is delivered from the Utah Power and Light Antelope Substation located one-half mile east of the Scoville Substation. The high voltage system includes substations at Scoville, INTEC, TRA, the Naval Reactors Facility (NRF), TAN, the Experimental Breeder Reactor II (EBR-II), and SPERT.

The high voltage system is configured as a closed loop system. The west loop runs northerly from Scoville through the INTEC, TRA, NRF, and TAN substations. The east loop runs from Scoville through the SPERT and EBR-II substations to join the west loop at the TAN substation. A radial 138kV transmission line and a radial 12.5kV distribution line feed the RWMC area from the Scoville Substation.

The 138kV loop provides redundancy to all of the substations located on the loop. The loop and substations are configured to facilitate maintenance and provide redundancy. Any major component can be taken out of service for maintenance with the system continuing to provide full power to all areas. The RWMC area does not have the same redundancy as other areas.

The high voltage electrical system is controlled via a Supervisory Control and Data Acquisition (SCADA) system from the Scoville Substation. The control room is manned around the clock.

As the ICP completes its mission and facility areas close, the demand for power will diminish. However, some surveillance, maintenance, decontamination, and dismantlement activities will continue. Planned activities are projected at some facilities until the year 2070. New projects would counterbalance the decline in the use of power.

**Life Safety Systems.** The Life Safety Systems provide critical protection to INEEL facilities and its workforce. The systems provide fire alarm, evacuation, and industrial system inspection, testing, and maintenance for facilities. System engineering and project management support are provided for design, modifications, and operational testing. Qualification and certification is maintained for all life safety system personnel, as required by INEEL, DOE, and the National Fire Protection Association (NFPA) regulations. The Alarm Center Operations provide fire alarm, evacuation, and industrial alarm system monitoring to INEEL buildings, including Idaho Falls.

**Roads and Grounds.** The INEEL has an extensive system of approximately 800 miles of improved and unimproved roads, including paved and unpaved temporary roads; flood control dikes; parking lots; railroad and spur tracks; and the perimeters of the five fenced security program areas. Specific scope includes inspection and maintenance, sign maintenance, weed control, gravel pit operations, landscape maintenance, wild-land preservation, street lighting, snow removal, and railroad system inspection, repair, and replacement. Roads and Grounds also provides for the maintenance of all common use signs, fences, and gates within the INEEL site boundary.

The INEEL has six major facilities that total approximately 1,450 acres. These facilities support the missions and goals of the ICP and INEEL projects. Specific scope within these areas include maintaining streets, structures and equipment, sidewalks, sign maintenance/replacement, lawn care, parking lot maintenance, weed control, pest control, snow removal, fire fuel loading against structure, street lighting, safety stripping, and coordinating personnel and automobile interface safety boundaries. The Idaho Falls Facilities consist of approximately 14 acres that require lawn care, landscaping, and parking lot maintenance that will be maintained by the subcontractors.

**Custodial Services.** Custodial services are provided at the ICP and INEEL facilities. Custodial responsibilities include cleaning, washing, sanitizing, and disinfecting of restrooms, change rooms, shower rooms, eating areas, cafeteria, dispensary, and general use areas in facilities totaling approximately 1,939,644 square feet. These services include buildings inside and outside of the fenced areas. Services also include cold waste removal, personal hygiene items, cleaning supplies, carpet cleaning, vacuuming, and tile floor sweeping and refinishing. Certain buildings are maintained at a higher level than others. These buildings include dispensaries, cafeterias, and the 24-hour use change rooms, showers, and areas receiving visitors and tourists. Special consideration is given to cleaning asbestos tile floors and radiation control areas.

**Cafeterias.** There are four site cafeterias. They provide food services (meals, snacks, and fresh baked product) for employees, subcontractors, and DOE-NE personnel located at CFA, SMC (TAN), INTEC, and TRA. This service purchases and maintains quality, fresh food products for meal preparation and baking. A food inventory for use in emergency situation at the INEEL site is maintained and catering capabilities are available.

**CFA Landfill.** The Industrial Solid Waste Landfill (commonly called the CFA Landfill) is part of the INEEL Landfill Complex. It accepts industrial solid waste streams. Industrial waste is solid waste consisting primarily of wood, non-friable asbestos, construction/demolition debris, office waste, cafeteria waste, and other solid waste that contains no radiological or hazardous material. Operations will provide industrial waste disposal capacity for at least 30 years based on the current usage rate and contingencies such as shallow rock beds. Sections of the landfill will be closed as they reach capacity, and a final cover will be installed when the landfill is closed.

Table 4. Bin 2 FY 2004 Work Package Summary.

WBS#	Title	Annual BCWS
A.1.01.00.00.03.WC	INTEC Steam (Bin 2)	4,231,398
A.1.01.00.00.03.WD	INTEC Process Water (Bin 2)	1,017,528
A.1.01.00.00.03.WE	INTEC Raw Water (Bin 2)	904,732
A.1.01.00.00.03.WF	INTEC Fire Water System (Bin 2)	599,278
A.1.01.00.00.03.WG	INTEC Sewage (Bin 2)	712,624
A.1.01.00.00.03.WH	INTEC Air (Bin 2)	814,201
A.1.01.00.00.03.WJ	INTEC Electrical Distribution (Bin 2)	1,416,943
A.1.01.00.00.03.WK	INTEC Electrical Power (Bin 2)	3,300,000
A.1.01.00.00.03.WM	INTEC LSS (Bin 2)	836,808
A.1.01.00.00.03.WN	INTEC Road and Grounds (Bin 2)	323,406
A.1.01.00.00.03.WQ	INTEC Custodial (Bin 2)	1,163,619
A.1.03.00.00.11.03	RWMC Custodial (ICP) (Bin 2)	265,945
A.1.03.00.00.11.04	RWMC Roads and Grounds (ICP) (Bin 2)	267,903
A.1.03.00.00.11.05	RWMC Fire Water (Protection) Dist. System (Bin 2)	197,296
A.1.03.00.00.11.06	RWMC Potable Water Dist. System (Bin 2)	66,502
A.1.03.00.00.11.07	RWMC Sewage System (Bin 2)	23,583
A.1.03.00.00.11.08	RWMC Propane Dist. System (Bin 2)	44,789
A.1.03.00.00.11.09	RWMC Electrical Power Dist. System (Bin 2)	24,067
A.1.03.00.00.11.10	RWMC Life Safety Systems (Bin 2)	157,945
A.1.03.00.00.11.11	RWMC Maintenance Services (Bin 2)	274,121
A.1.04.00.04.DD.02	WROC PAM&O Maintenance	37,034
A.1.04.00.04.EE.02	PBF PAM&O Maintenance	72,500
C.1.05.01.01.MT.05	Sitewide Roads and Grounds (Maintenance) (Bin 2)	1,503,446
C.1.05.01.01.MT.06	CFA Roads and Grounds (Maintenance) (Bin 2)	478,914
C.4.01.01.01.01.00	Base Ops Bin 2 Utilities	1,894,534
C.4.01.01.02.01.00	Loop Utility Costs Bin 2	473,633
C.4.01.01.05.08.01	TRA Custodial Services 670 625 628 and 679 Bin 2	212,293
C.4.01.01.05.11.00	ATR Ops Facilities Bin 2 Utilities	528,600
C.4.01.02.02.01.03	TRA Infrastructure Maintenance (Bin 2)	1,230,192
C.4.01.02.16.03.02	TRAHC Operational Expenses (Bin 2)	9,138
C.4.02.01.01.AB.74	BIN 2 Corrective Infrastructure Services	48,812
C.4.02.01.01.AB.75	BIN 2 Preventive Infrastructure Services	108,753
C.4.02.01.01.AB.76	BIN 2 Minor Infrastructure Services	487,949

Bin 2 Work Package Summary

WBS#	Title	Annual BCWS
C.5.03.01.52.01.01	EBR 1 Janitorial Services (Bin 2)	35,448
C.5.04.01.03.01.01	INEEL Landfill - Operations (Bin 2)	1,470,872
C.5.04.01.04.01.02	Life Safety Systems (LSS) - INEEL Common (Bin 2)	750,848
C.5.04.01.04.01.03	LSS - CFA (Bin 2)	554,990
C.5.04.01.04.01.04	LSS - TRA (Bin 2)	223,996
C.5.04.01.04.01.07	LSS TAN (Bin 2)	79,001
C.5.04.01.04.01.09	LSS Idaho Falls (Bin 2)	223,858
C.5.04.01.04.01.11	LSS - WROC (Bin 2)	93,077
C.5.04.01.05.01.01	CFA Cafeteria (Bin 2)	449,125
C.5.04.01.05.01.02	SMC Cafeteria (Bin 2)	243,497
C.5.04.01.05.01.03	INTEC Cafeteria (Bin 2)	361,059
C.5.04.01.05.01.04	TRA Cafeteria (Bin 2)	259,505
C.5.04.01.05.01.05	Common Cost for Cafeteria (Bin 2)	(15)
C.5.04.01.12.01.01	Transmission and Distribution (Bin 2)	1,167,213
C.5.04.01.12.01.02	Substation (Bin 2)	1,484,364
C.5.04.01.12.01.03	Power Management Operations and Administration (Bin 2)	1,153,321
C.5.04.01.12.02.01	Common Support Power (Bin 2)	1,270,000
C.5.04.01.14.01.01	IF Custodial (Bin 2 )	1,299,820
C.5.04.01.14.01.03	IF Leases	325,220
C.5.04.01.14.01.06	IF Utilities (Bin 2)	2,236,828
C.5.04.01.14.01.07	IF Roads and Grounds (Bin 2)	274,277
C.5.04.01.16.01.03	TAN Utility Ops & Maintenance (Bin 2)	1,249,298
C.5.04.01.16.01.04	TAN Custodial (Bin 2)	168,274
C.5.04.01.17.01.02	TRA Maintenance Support (Bin 1)	44,737
C.5.04.01.17.01.04	TRA Custodial (Bin 1)	219,534
C.5.04.01.16.01.05	TAN Roads and Grounds (Bin 2)	76,962
C.5.04.01.17.01.05	TRA Roads and Grounds (Bin 2)	196,375
C.5.04.01.18.01.01	CFA Custodial (Bin 2)	802,965
C.5.04.01.18.01.05	Utilities (Bin 2)	2,527,127
C.5.04.01.19.01.02	PBF/WROC Custodial (Bin 2)	70,089
C.5.04.01.19.01.03	PBF/WROC Utilities (Bin 2)	162,728
C.5.04.01.19.01.04	PBF/WROC Roads and Grounds (Bin 2)	69,436
Total		43,272,317

Physical Assets Maintenance and Operations FY 2004 Performance Baseline								
Bin 2								
	Bin 2	Bin 2	Bin 2	Bin 2	Bin 2	Bin 2	Bin 2	
	Utilities	Power Management	Life Safety Systems	Roads and Grounds	Custodial	Cafeterias	Landfill	Total
<b>Idaho Completion Project (ICP)</b>								
Preventative Maintenance	628,368	467,065	363,966	0	0	0	0	1,459,400
Corrective Maintenance	815,596	393,355	76,557	0	0	0	0	1,285,508
Minor Maintenance	0	0	0	0	0	0	0	0
Maintenance Support	3,199,604	580,591	554,229	0	0	0	0	4,334,425
Infrastructure Services	4,081,295	3,570,720	0	591,310	1,429,564	0	0	9,672,889
Non-Capital Upgrades	0	0	0	0	0	0	0	0
<b>ICP Total</b>	<b>8,724,863</b>	<b>5,011,731</b>	<b>994,752</b>	<b>591,310</b>	<b>1,429,564</b>	<b>0</b>	<b>0</b>	<b>16,752,222</b>
<b>Idaho National Laboratory (INL)</b>								
Preventative Maintenance	108,753	0	0	0	0	0	0	108,753
Corrective Maintenance	393,274	0	0	0	0	0	0	393,274
Minor Maintenance	557,199	0	0	0	0	0	0	557,199
Maintenance Support	567,189	0	0	0	0	0	0	567,189
Infrastructure Services	2,672,426	473,633	0	1,982,359	221,431	0	0	5,349,850
Non-Capital Upgrades	0	0	0	0	0	0	0	0
<b>INL Total</b>	<b>4,298,840</b>	<b>473,633</b>	<b>0</b>	<b>1,982,359</b>	<b>221,431</b>	<b>0</b>	<b>0</b>	<b>6,976,264</b>
<b>Indirect Funded Maintenance</b>								
Preventative Maintenance	502,991	537,616	709,617	0	0	0	0	1,750,224
Corrective Maintenance	1,010,280	874,363	174,970	0	0	0	0	2,059,612
Minor Maintenance	73,119	0	0	0	0	0	0	73,119
Maintenance Support	836,572	966,092	1,041,185	18,449	0	0	0	2,862,298
Infrastructure Services	4,122,976	2,696,829	0	598,601	2,596,130	1,313,171	1,470,872	12,798,578
Non-Capital Upgrades	0	0	0	0	0	0	0	0
<b>Indirect Total</b>	<b>6,545,937</b>	<b>5,074,899</b>	<b>1,925,771</b>	<b>617,050</b>	<b>2,596,130</b>	<b>1,313,171</b>	<b>1,470,872</b>	<b>19,543,831</b>
<b>Bin Totals</b>	<b>\$19,569,641</b>	<b>\$10,560,263</b>	<b>\$2,920,523</b>	<b>\$3,190,719</b>	<b>\$4,247,126</b>	<b>\$1,313,171</b>	<b>\$1,470,872</b>	<b>\$43,272,317</b>

Figure 7. PAM&O FY 2004 performance baseline for Bin 2.



## **BIN 3—PROJECT SPECIFIC MAINTENANCE (INDEFINITE QUANTITIES)**

As a Cognizant Secretarial Office, EM, Naval Reactors, and the U.S. Army has the responsibility to coordinate with the site owner (i.e., the Lead Program Secretarial Office) to ensure that needed infrastructure support is planned and provided for its program-specific facilities.

The Project Specific Maintenance (Bin 3) was planned, budgeted, and scheduled at the project level. Manpower (craft, planners, and project maintenance managers) for this scope is deployed from the PAM&O organization and assigned to the projects.

Per PAM&O Detailed Work Plan (DWP) Development Process Guidance, all maintenance activities for buildings and structures were to be coded in Bin 1 with a building number, regardless of the amount or nature of programmatic activities in the building. In addition, all maintenance, repairs, and upgrades of all AB/MC was to be clearly identified and planned.

Maintenance work was planned and coded with the appropriate responsibility codes in the following DWP Books:

### ICP DWP Books:

A.1.01	Clean/Close INTEC
A.1.02	Clean/Close TAN
A.1.03	Clean/Close RWMC
A.1.04	Balance of INEEL
A.1.05	Eliminate MLLW Backlog/Services

### INEEL DWP Books:

C.1.05.01	Sitewide Landlord Operations
C.1.05.14	Safeguards and Security Program
C.4.01	Nuclear Reactor Programs
C.4.01.01	Naval Reactors
C.4.01.02	Nuclear Energy
C.4.02	Specific Manufacturing Capability Program

There is no maintenance work planned in the C.3, Research and Development or the C.4.01.03, Work for Others DWP.

Table 5 shows the Bin 3 FY 2004 Work Package Summary.

Table 5. Bin 3 FY 2004 Work Package Summary.

WBS#	Title	Annual BCWS
A.1.01.00.00.04.M1	Maintenance and Project Management (Bin 3)	1,261,735
A.1.01.00.00.04.W1	NWCF PMs	243,980
A.1.01.00.00.04.W2	NWCF CMs	528,749
A.1.01.00.00.04.W3	Waste PMs	45,056
A.1.01.00.00.04.W4	Waste CMs	395,480
A.1.01.00.00.04.W5	Lab PMs and CMs	238,874
A.1.01.00.00.04.W6	SNF PMs	90,677
A.1.01.00.00.04.W7	SNF CMs	1,886,272
A.1.01.00.00.04.W8	TMI-2 and Fort St. Vrain (FSV) PM and CM (Bin 3)	56,653
A.1.01.00.00.04.W9	CPP-601 CMs and PMs	314,057
A.1.01.00.00.04.WA	Tech Dev PM and CM incl CPP-637	169,714
A.1.01.00.00.04.WC	Maintenance Planning and Work Control (Bin 3)	2,795,237
A.1.01.00.00.04.WD	Maintenance Training and Equipment (Bin 3)	1,364,037
A.1.01.00.01.02.E1	Engineering FERMI Plant (Bin 3)	126,103
A.1.02.00.00.03.01	TAN Maintenance (Bin 3)	2,972,985
A.1.03.00.00.04.05	RWMC Category II Nuclear Facility Maintenance	47,290
A.1.04.00.04.CC.03	WAG 5 Surveillance and Monitoring (Bin 3)	12,491
A.1.04.00.04.DD.01	WROC RCRA Closures (Bin 3)	41,099
A.1.04.00.04.EE.01	PBF Surveillance and Maintenance (Bin 3)	1,539,993
A.1.05.00.00.04.01	MLLW Storage/Maintenance-CPP-1617 (Bin 3)	37,400
A.1.05.00.00.07.MA	Decon Facility Maintenance (Bin 3)	237,019
A.1.05.00.01.05.02	CPP-1619 Maintenance (Bin 3)	16,718
A.2.01.01.02.01.E1	Facility and Equipment Preparations (Bin 3)	67,571
C.1.05.14.01.01.03	Proforce Training (Bin 3)	184,987
C.1.05.14.01.02.02	Security Systems - INEEL (Bin 3)	863,832
C.1.05.14.01.02.03	Security Systems - INTEC (Bin 3)	577,402
C.4.01.01.01.01.01	Maintenance of Technical Safety Requirements Surveillance	129,930
C.4.01.01.02.01.04	Loop Corrective Maintenance (Bin 3)	342,183
C.4.01.01.02.01.05	Loop Preventive Maintenance (Bin 3)	258,325
C.4.01.01.05.01.04	Operational Maintenance (Bin 3)	2,309,262
C.4.01.01.05.01.07	Maintenance Planning and Scheduling (Bin 3)	671,240
C.4.01.01.05.03.02	ATR Plant Corrective Maintenance (Bin 3)	1,712,091

Bin 3 Work Package Summary

WBS#	Title	Annual BCWS
C.4.01.01.05.03.03	ATR Facility Support Corrective Maintenance	243,456
C.4.01.01.05.03.04	ATR Plant Preventive Maintenance (Bin 3)	1,077,252
C.4.01.01.05.03.05	ATR Facility Support Preventive Maintenance	223,213
C.4.01.01.05.08.02	ATR Facility Support Operational Maintenance	856,811
C.4.01.01.05.08.05	ATR Facility Support Planning and Scheduling	131,255
C.4.01.01.05.08.06	Maintenance Staffing (Bin 3)	660,741
C.4.01.02.16.03.03	TRAHC Program Equip Maintenance (Bin 3)	89,347
C.4.02.01.01.AB.70	Maintenance MGT and Admin (Bin 3)	528,403
C.4.02.01.01.AB.77	BIN 3 Corrective Indefinite Quantities	3,054,895
C.4.02.01.01.AB.78	BIN 3 Preventive Indefinite Quantities	1,516,622
C.4.02.01.01.AB.79	BIN 3 Minor Indefinite Quantities	442,377
C.4.02.01.01.AB.7A	Supply Chain (Bin 3)	853,449
C.4.02.01.02.DE.07	D/E Maintenance Management and Admin (Bin 3)	239,476
<b>Total</b>		<b>31,455,736</b>



## **BIN 4—SITE COMMON SERVICES**

Left open for future use.



## **BIN 5—SITEWIDE SERVICES**

**Bus Operations and Maintenance.** Bus Operations and Maintenance provides for a staff of bus drivers and dispatchers to operate a large bus fleet at the INEEL. There are 99 mainline intercity-type buses and 20 evacuation school-type buses. There are 70 routes, including 28 for Argonne-National Laboratory and the Naval Reactors Facility. This service also includes a team of mechanics to provide preventive maintenance, scheduled service, and repairs to the bus fleet. Associated operations include: taxi, shuttle service, tours, designated mail, and freight. This activity includes 24-hour 7-day-a-week operations.

**Fleet Management.** Fleet management provides overall management of a large transportation operation including maintenance, inspection, and repair of passenger vehicles, trucks, construction equipment, and other motorized vehicles (635 light vehicles, 144 trucks >1 Ton, 426 pieces of equipment, and 183 trailers).

**INEEL Hoisting and Rigging (H&R) Program.** The INEEL H&R Program provides for an independent periodic inspection and testing for all hoisting and rigging equipment (Mobile Cranes, Overhead Cranes, Hoists, Forklifts, and Rigging Equipment) consistent with the requirements of DOE-Hoisting and Rigging Standard, DOE-STD-1090-99, and all applicable Occupational Safety and Health Administration (OSHA) and ANSI/ASME Standards.

Two informal assessments were performed during FY 2003 to determine implementation status of the H&R Program at the site areas. These assessments were conducted at INTEC and TRA. By the end of FY 2003, implementation of the program was complete at INTEC. It was further determined that TRA was approximately 90% implemented with remaining implementation to be the revision of seldom used documents.

**Maintenance Coordination Center (MCC).** The MCC is responsible for establishing and overseeing the ICP and INEEL core maintenance functions and processes, such as:

- Conduct of Maintenance
- Standardized Work Control Processes
- Preventive/Predictive/Reliability Maintenance Processes
- General Maintenance Performance Goals and Measurements
- Prioritization Tools and Processes
- Maintenance Engineering
- Maintenance Planning
- Maintenance Scheduling
- Book 1 (Core) Maintenance Training
- Integrated Schedules
- Craft Labor Relations and Contract Negotiations
- Computerized Maintenance Management Systems (CMMS)
- Supply Chain/Material Control
- Condition Assessment System (CAS) Inspections/Energy Management
- Reliability Center Maintenance
- Interface Agreements
- Resource Allocations
- Calibration Manuals and Procedures
- Hoisting and Rigging Manuals and Procedures
- Self-Assessments and Corrective Actions

- Subject Matter Experts (SMEs) in Support of the Maintenance Processes and Functions.

Following are the functional responsibilities that roll to the MCC:

**Facility Inspections**—Based on a five-year completion cycle, facility inspections and Condition Assessment Surveys (CAS) are systematically conducted to identify deficiencies and determine overall condition on approximately 521 buildings covering over 5 million square feet and on approximately 17 million square feet of pavement. Risk-based criteria are used to determine inspection priorities and schedules. Facility asbestos identification inspections are also accomplished.

**UST Monitoring/Tank Tightness Testing**—Perform line leak tightness testing on motor vehicle fuel Underground Storage Tanks (USTs) as required by 40 CFR 280, “Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks”. Maintain test results and investigate, evaluate, and correct any data indicating a failure to comply with regulatory requirements.

**Surface/Subsurface Locates**—Support the site-wide subsurface utility locates program that detects subsurface and non-visible (hidden) objects prior to disturbing soils or penetrating walls/other structures. In addition, provide for the INEEL site-wide survey program, database containing past investigation results, and subsurface Subject Matter Expert support.

**Maintenance Services Program Management**—Reference Maintenance Planning and Controls (see below).

**Sitewide Asbestos Program**—Provide oversight, management, and direction to the INEEL Asbestos management program. The service includes inspecting buildings for asbestos and managing the asbestos inspection database.

**Maintenance Systems Applications and Performance**—A set of computer software modules and equipment databases containing facility data with the capability to process the data for the following maintenance management functions: CMMS, Facility Hazard List (FHL), Hazard Identification Mitigation System (HIMS), and Transportation Information Management System (TIMS).

**Maintenance Planning and Controls**—Responsible for integrating company business and project management activities. The functions performed are divided into three categories: (1) Planning and Scheduling Engineer/Resource Coordinator, (2) Baseline Management and Reporting, and (3) Planning and Controls Engineer. Planning and Controls support the Projects/Programs in the development, implementation, and monitoring of scope, schedule, cost/estimating (including benchmarking), resource allocation, cost analysis/performance measurement, and reporting.

**Technical Support**—Provide System Engineering services, Reliability-Centered Maintenance (RCM) Engineers, and Condition Assessment Surveillance (CAS) inspections of active and inactive facilities.

**Material Control**—Integrate the supply chain support and material staging for maintenance. The functions provided by the Material Control include: (1) Material Coordinators (planning, ordering, and expediting of materials) and (2) Tool Crib Attendants (material handling, controlling, and issuing of tools and consumables (including inventory management)).

**Work Coordination**—Provide for the planning and coordination of preventive and corrective maintenance, work controls level planning and determination, work planning and estimating, and identification of material requirements, work scheduling, and work closeout.

**SME Support**—Provide SME support in accordance with established standards for Environmental, Safety, Health, and Quality Assurance; Engineering; Conduct of Maintenance; Conduct of Operations; Power Management; Emergency Services; and Life Safety Systems. Also provide document control services and coordination of ICARES, self-assessment and audits for the PAM&O organization.

**Manufacturing/Fabrication Shop**—Provide fabrication support for ICP and INEEL Projects/Programs and the PAM&O organization. This support includes welding, machining, and sheet metal work activities.

Table 6 shows the Bin 5 FY 2004 Work Package Summary.

Table 6. Bin 5 FY 2004 Work Package Summary.

WBS#	Title	Annual BCWS
C.1.05.01.01.MT.01	Facility Inspections (Maintenance)	778,458
C.1.05.01.01.MT.02	UST Monitoring/Tank Tightness Testing (Maintenance)	51,403
C.1.05.01.01.MT.03	Sitewide Surface/Subsurface Locates (Maintenance)	97,111
C.1.05.01.01.MT.PM	Maintenance Services Program Management (Bin 5)	54,198
C.5.03.01.48.01.01	Sitewide Asbestos Program (Bin 5)	167,826
C.5.04.01.09.01.01	Bus Maintenance and Repair (Bin 5)	2,414,404
C.5.04.01.09.02.01	Bus Operations (Bin 5)	7,620,237
C.5.04.01.20.01.01	Maintenance Systems Applications and Performance	1,124,553
C.5.04.01.20.01.04	Planning and Controls (Bin 5)	679,392
C.5.04.01.20.01.05	Technical Support (Bin 5)	459,213
C.5.04.01.20.01.06	Material Control (Bin 5)	224,554
C.5.04.01.20.01.07	Work Coordination (Bin 5)	530,372
C.5.04.01.20.01.08	SME Support (Bin 5)	477,103
C.5.05.01.06.01.01	Transportation Information System (TIMS) (Bin 5)	0
C.5.05.01.16.01.01	Manufacturing Shop Operations (Bin 5)	283,462
C.5.05.01.20.01.01	Vehicle Maintenance and Repair (Bin 5)	2,304,838
C.5.05.01.21.01.01	Construction Equipment Maintenance and Repair (Bin 5)	1,569,941
C.5.05.01.22.01.01	Heavy Truck Maintenance and Repair (Bin 5)	720,576
Total		19,557,640



## BIN 6—INACTIVE BUILDINGS

An inactive building has met its intended use, is no longer needed for any identifiable function or project, and has met the acceptance criteria to move from active to inactive as identified in MCP-2860, “Building/Facility Transition,” and placed in operational standby status.

There are a significant number of surplus and legacy facilities that do not contribute to the ICP and INEEL missions and do not represent a significant safety or environmental hazard (see Table 2). Maintenance of these “low-valued” facilities in an operational status consumed needed infrastructure sustainment resources. An effective infrastructure optimization effort included the definition of an effective basis for minimizing infrastructure sustainment costs associated with the low-valued facilities (Reference: *Process Improvement Project (PIP) 2-9, “Reduce Surveillance and Maintenance Costs for Buildings Identified for Closure”*).

The recommendations from PIP 2-9 have been implemented by the PAM&O organization, which is responsible for the surveillance and maintenance activities on Nuclear Energy, Science, and Technology (NE) facilities and structures located across the INEEL. Activities include: (1) annual and/or bi-annual inspections on inactive buildings and outdoor sites; (2) performing maintenance (corrective and preventive) as need to maintain a safe status for the protection of human health and the environment; and (3) maintenance of a surveillance database to track surveillance and maintenance activities. This database will also be used to assist in the planning for footprint reduction of buildings located at the INEEL. Radiation instrument checks and radiological surveillances across the INEEL are also conducted on various contaminated soil locations.

The PAM&O organization provides surveillance and maintenance support on ICP inactive buildings, as requested.

Table 7 shows the Bin 6 FY 2004 Work Package Summary.

Table 7. Bin 6 FY 2004 Work Package Summary

WBS#	Title	Annual BCWS
A.1.01.00.00.03.WR	INTEC Inactive Buildings (Bin 6)	121,059
C.1.05.01.01.MT.04	Inactive/Legacy Facilities (S&M) (Maintenance) (Bin 6)	286,283
Total		407,342



## SITE MAINTENANCE ACTION PLAN

This is the second year that the Site Maintenance Action Plan (SMAP) has been incorporated into the PAM&O Performance Baseline. The FY 2003 Major Accomplishments, FY 2004 Major Planned Initiatives and the Issues or Concerns are grouped by area. Functional descriptions of the PAM&O work scope can be located in Section 2.

There are major challenges ahead in the management and preservation of the INEEL's real property assets. These challenges include, but are not limited to:

- The infrastructure at the site, including buses and light and heavy vehicles, is old and deteriorating. Major recapitalization and revitalization funding will be required to restore and maintain the infrastructure.
- The major mission realignment for the INEEL, i.e., nuclear energy research and development and homeland security.
- The transition of Lead Program Secretarial Office from Environmental Management to the Office of Nuclear Energy, Science and Technology.
- The incorporation of Argonne National Laboratory-West with the INEEL.
- The restructuring of the INEEL into two distinct entities (ICP and Idaho National Laboratory).
- Currently, various systems and documents capture the out-year buildings and functional systems requirements, including operating and capital upgrades. There is a long-term need for a single focal point for all of this data.

### Site Maintenance Action Plan Nomenclature

Reporting Details	Location in the PAM&O FY 2004 Performance Baseline
Summary by area of maintenance initiatives and major activities completed during the past Fiscal Year (FY-1).	<i>Area/Functional Narratives</i>
Summary by area of maintenance initiatives and major activities planned for the current FY.	Area/Functional Narratives
Fiscal planning data by building and area for FY-1 actual costs, current year budgets, and FY+1 through FY+3 requirements including a listing of major activities, risk mitigation activities, and significant changes.	Site Maintenance Action Plan Tables Area/Functional Narratives
Deferred maintenance and maintenance backlogs, by area and building/structure/road (BSR) that includes both funded and unfunded requirements.	Site Maintenance Action Plan Tables

Reporting Details	Location in the PAM&O FY 2004 Performance Baseline
Facility condition trends by asset type and area based upon credible inspection results.	Site Maintenance Action Plan Tables
Summary of prior year performance indicator results and cumulative trends by area.	Reference INEEL Maintenance Performance Measures Report (September 2003)
Executive Summary of facility conditions, maintenance performance, and anticipated requirements.	Area/Functional Narratives

### Facility Condition Index (FCI)

The “FCI Condition” is determined by the following definition:

Building condition is calculated by summing the estimated costs of the identified Condition Assessment Information System (CAIS) deficiencies with any other known major deficiencies, and then dividing the total by an estimate of the cost to build an identical facility today. This ratio provides a quantitative measure of building condition that can be uniformly applied across the INEEL.

The building replacement cost is the current replacement value obtained from the Department of Energy Facilities Information Management System database.

The deficiency cost/replacement value ratio is converted to a condition description, as follows:

Deficiency Cost/Replacement Value (%)	Condition
Less than 2.0	Excellent
2.0 to less than 5.0	Good
5.0 to less than 10.0	Adequate
10.0 to less than 25.0	Fair
25.0 to less than 60.0	Poor
60.0 or more	Fail

### Site Maintenance Action Plan Table/PAM&O FY2004 Performance Baseline Crosswalk

The SMAP Tables are based on the DOE Facility Information Management System (FIMS) data, which does not contain planned costs for all maintenance bins. The baseline data is presented in a project format while the SMAP Tables are grouped by area.

### Basis for Site Maintenance Action Plan Out-Years Budget Amounts

The FY 2004 budget is based on detailed planning within established targets, which represent an overall reduction of INEEL maintenance costs.

The FY 2005 budget is based on the FY 2004 budget escalated by 2.1%, except in those cases where a building will change to an inactive status. Once inactive, buildings were planned at a \$1.00/square foot rate.

The FY 2006 budget is based on the FY 2005 budget escalated by 2.1%, except in those cases where a building will change to an inactive status. Once inactive, buildings were planned at a \$1.00/square foot rate.

## **Deferred Maintenance Statement**

Two different sources were used to derive the FY 2003 Deferred Maintenance dollars in the Site Maintenance Action Plan Area Tables. The first source was the Priority 5 work scope entered into the Passport database. The second source was the data accumulated by Facility Inspectors and entered in the Condition Assessment Information System database. These two sources are combined and duplicate information is identified and eliminated.

## **SMAP/AREA**

### **Central Facilities Area**

#### Major Accomplishments (FY 2003):

- Completed construction on the Steam and Condensate Line Upgrade (CFA-601 to CFA-671) General Plant Project (GPP).
- Completed roof repairs on CFA-696, Transportation Complex.
- Placed the old Health Physics Instrumentation Laboratory, CFA-633, in a “cold, dark, and dry” condition, reducing the INEEL building footprint by 20,000 square feet.

#### Major Planned Initiatives (FY 2004):

- Complete Calibration Laboratory (CFA-698) HVAC Upgrade.
- Complete Boiler House (CFA-671) Steam-Line Upgrade.
- Complete Communication Building (CF-668) Waterline Upgrade.
- Complete Water Tank Refurbishment (CFA-782).

#### Issues or Concerns:

- The CFA-690 Radiological and Environmental Science Laboratory requires replacement to meet INL mission needs.
- The existing CFA-668 Communications Building must be replaced to ensure uninterrupted telecommunications service and operations throughout the INEEL.
- Serious heating and air-conditioning problems occur in several large CFA buildings. If this equipment cannot be maintained cost-effectively, additional general purpose plant projects may be required.

- Uncertainties exist about whether steam will be required for future CFA heating needs.

## **Idaho Falls**

### Major Accomplishments (FY 2003):

- Maintained an “accident free” year.
- Moved 285 NE-ID personnel and equipment from ID North to the Willow Creek Building (WCB).
- Reduced IF foot print by returning the leased ID North facility back to owner.
- Installed two 80 kVA Uninterrupted Power Supply systems (one at the Engineering Research Office Building and one at the R&D laboratory computer room).

### Major Planned Initiatives (FY 2004):

- Initiate Willow Creek Building (WCB) Lease Buyout.
- Initiate construction on the IRC Fire Suppression System Upgrade (GPP).

### Issues or Concerns:

- Roof repairs deferred due to funding restraints include IF-601, Research Office Building; -605, Electric Vehicle Building; -611, National Security Laboratory; -627, Systems Analysis Facility; -638, INEEL Research Center Physics Laboratory; -657, INEEL Engineering Demonstration Facility.

## **Idaho Nuclear Technology Engineering Center**

### Major Accomplishments (FY 2003):

- Completed construction on the INTEC Craft Consolidation (GPP).
- Initiated CPP-606 Plant Air System Upgrade (GPP).
- Consolidated the Kitting and Staging Area to INTEC (INTEC-655).

### Major Planned Initiatives (FY 2004):

- Convert Paint Shop to INTEC Clean/Close Project Maintenance Area (GPP).
- Complete INTEC Heating, Ventilation, and Air Conditioning System Upgrades for the following INTEC buildings: CPP-699, Training/Production Office Building; CPP-1604, Office Building; CPP-1605, Engineering Support Building; CPP-1631, Production Computer Support; CPP-1650, Training Support Facility; and CPP-1651, Operations Training Facility. Note: Life cycle of these buildings range from 2012 to 2029 (GPP).
- Complete construction on the Electrical and Utility Systems Upgrade Project (LICP).
- Initiate construction on the INTEC Water Softener System Upgrade (GPP).

- Initiate construction on the INTEC Sewage Treatment Plant Upgrade (GPP).
- Complete construction on the INTEC Sewage Treatment Plant Air Leak (GPP).
- Complete INTEC Service Building Powerhouse Plant Air System Upgrade (GPP).

Issues or Concerns:

- Number of buildings that are in poor to very poor condition.
- Force Account craft shops will be displaced by Foster Wheeler (March 2004).
- Roof repairs deferred due to funding restraints includes CPP-649, Atmospheric Protection System; -652, Cafeteria/Offices and -666, Fuel Processing Restoration/Fluorinel Dissolution Process and Fuel Storage Facility.

**PBF/WROC Power Burst Facility/Waste Reduction Operations Complex**

Major Accomplishments (FY 2003):

- Completed the following roof repairs: PER-609, Waste Experimental Reduction Facility (WERF) Incinerator Facility; -613, Mixed Waste Storage Facility; -632, Waste Reduction Operations Complex (WROC) Support Building; -638, Water Pump House and -641, WROC Operations Support Building.

Major Planned Initiatives (FY 2004):

- Removal of Halon fire suppression system at PER-619, Control Building.
- Transfer of specific buildings to the Office of Nuclear Energy, Science, and Technology for the Homeland Security Projects.
- Complete D&D of the PBF reactor area facilities identified in the Performance Based Incentive (PBI).
- Complete D&D of WERF/WROC Facilities identified in PBI.

Issues or Concerns:

N/A

**Radioactive Waste Management Complex**

Major Accomplishments (FY 2003):

- Completed insulation on the RWMC tablet chlorinator water system.
- Completed insulation on the RWMC fire water storage tank.

Major Planned Initiatives (FY 2004):

- Correct snow accumulation on the north side of WMF-637, Operations Control Building.

- Complete installation of power meters (WMF-602, Radioactive Waste Management Complex High Bay; WMF-613, Waste Management Facility Office Building and Operational; and WMF-622 through WMF-653 complex).
- Transfer responsibility for the following buildings to BNFL: WMF-602, Radioactive Waste Management Complex High Bay; WMF-622, Office Annex Trailer; and WMF-653, Office Annex #2 Trailer.
- Deactivate the following buildings: WMF-611, Operations Support Facility; WMF-620, Work Control Center Trailer; WMF-621, Work Control Support Trailer; WMF-645, Construction Support Trailer; WMF-646, Field Support Trailer; WMF-655, Material Handling Facility; WMF-656, Maintenance Facility; and WMF-657, Construction Field Support Trailer.
- Complete replacement of a Backup Potable Water Pump Controller at RWMC (WMF-603, Pump House).
- Continue RWMC Facility deactivation/Footprint reduction.

Issues or Concerns:

N/A

**Test Area North/Specific Manufacturing Capability**

Major Accomplishments (FY 2003):

**TAN**

- Successfully removed all piping, components (tanks, pumps, etc.), and structural steel form TAN-616, eliminating hazardous and radiological risk and allowing demolition to proceed.
- Demolished 30,000 square feet of buildings and structures including an additional 30,000 square feet accelerated into this year from FY 2004 for a total of 60,000 square feet. Buildings and structures include: TAN-638, 660, 661, 784, and 705, 724 fuel oil tanks.
- Asbestos removal and demolition of TAN-602 was completed with the exception of the 75-foot southern section to allow safe sealing of the existing access doorway and wall penetrations (reduced footprint by 39,000 square feet).
- Completed TAN-651 asbestos abatement to allow building demolition.

**SMC**

- Successfully upgraded the SMC PASSPORT CMMS.
- Replaced and upgraded the TAN-679 hot water-heating system
- Renovated optional standby diesel generators.
- Designed and procured work for upgrading the facility compressed air system with work planned to begin this fiscal year.

- Dock Lock systems were upgraded to accommodate new DOT trailer bumper heights.
- Work has been completed to upgrade the SMC communications-cabling infrastructure to provide digital phone service and a fiber based network.
- Design work has been completed for upgrading lighting in warehouse buildings TAN-682 and TAN-688.

Major Planned Initiatives (FY 2004):

**TAN**

- Plan to DD&D 60,000 square feet (14 buildings and structures) as identified in the PBI.

**SMC**

- Replace and/or repair damaged areas of asphalt within the SMC perimeter fence. Repairs will consist of routing and crack sealing, emulsion coatings and/or chip sealing.
- Rework TAN-676, Security Guard Building exterior doors, replacement of the TAN-679 Compressed Air Dryer and repair of the wastewater pond liner.
- Modify existing SMC lighting systems to correct illumination level deficiencies.
- Upgrade the perimeter lighting system for the SMC complex.
- Refurbish or replace SMC Air Handling Units (AHU).
- Purchase new CUCS software and PC hardware to help provide necessary upgrades to support TAN-679, Manufacturing and Assembly Annex utilities requirements.
- Design and install hardware to automatically shutdown the TAN-679 Air Handling Units (AHU) via the DCSs.
- Modify the existing TAN-692, Waste Storage Building, to make the space suitable for use as a maintenance/carpenter/Tool Crib or other use area.
- Design and install a ventilation system in the TAN-682, Storage Building, and TAN-688, Warehouse facilities.
- Replace existing boiler feed water and domestic water softener units in room 104 of TAN-679.
- Replace boiler chemical feed pumps with a new feed pump system.
- Modify the drain location for the evaporative cooling systems located within the air-handling units (AHU) in TAN-679A.

Issues or Concerns:

- Major roof replacements need to be initiated in FY 2005 due to the age, 20 years, of the SMC facilities.

## **Test Reactor Area**

### Major Accomplishments (FY 2003):

- Completed construction on the TRA 30-Inch Warm Waste Line Replacement (GPP).

### Major Planned Initiatives (FY 2004):

- Initiate construction on the TRA Potable Water Well System (GPP).
- Initiate construction on the TRA Retention Basin Isolation (GPP).
- Inspect and repair the TRA Elevated Water Tank.
- Initiate ATR Switchgear and Motor Control Center Upgrade.
- Complete construction on the ATR Diesel Generator Replacement (GPP).

### Issues or Concerns:

- Lack of support from Naval Reactors for CE and GPP upgrades.
- 53% of the buildings are in fair to poor condition.
- Infrastructure investments are needed to upgrade the buildings, equipment, and systems.

## **SMAP/ Functions**

### ***Power Management***

#### Major Accomplishments (FY 2003):

- Completed the BNFL 12.5-kV tap line design, construction, and operational turnover. The new tap line will provide one power source for BNFL allowing for billing based on demand and energy usage. The tap line also separates RWMC from BNFL so that power outages to one facility will not impact the other facility.
- Finished the Vee-brace installation on the 138-kV loop.
- Installed a substation class, 138-kV/2.4-kV transformer at NRF. The transformer was >50 years old and parts for repair were no longer available.
- Replaced capacitive coupled voltage transducers (CCVTs) at INTEC.
- Initiated the re-labeling of faded out transformer numbers on CFA overhead and pad counted transformers.
- Transferred control of the EBR-II main circuit breakers from EBR-II shift personnel to the Power Dispatcher. This was a generator legacy issue at EBR-II that has not operated since approximately 1994.

- Purchased Switchgear Manual Test and Ground Devices for NRF and TRA (maintenance test equipment) (GPCE).

Major Planned Initiatives (FY 2004):

- Install TRA High Voltage Transformers (8T3-5 and 8T3-6). These transformers feed the ATR facility and have exceeded their design life by approximately 17 years (GPCE).
- Initiate construction on the Site Power Open SCADA System Upgrade (GPP).
- Complete the design, construction, and operational turnover of the distribution transformers at the Organic Contaminates in the Vadose Zone (OCVZ) Project. This project is in the Subsurface Disposal Area (SDA) at RWMC. Complete the back-guy and anchor replacement for structures on the 138-kV loop. The back-guys and anchors being replaced are approximately 50 years old with a high probability of failure.
- Test and treat CFA and TAN distribution circuits and the west loop structures between TRA and NRF.

Issues or Concerns:

- Because the high-voltage electrical system is critical to all INEEL employees, facilities, and programs, the system's components must be evaluated and replaced before they reach the end of their useful lives. The total projected life-cycle cost of these components is over \$90 million.

***Life Safety Systems***

Major Accomplishments (FY 2003):

- Shipped over 12,700 pounds of excess Halon to the Department of Defense repository as required by Executive Order 13148.

Major Planned Initiatives (FY 2004):

- Complete construction on the INEEL Proprietary Supervising Station (GPP).
- Initiate construction on the INTEC Facility Fire Protection Upgrade (GPP).

Issues or Concerns:

N/A

***Roads and Grounds***

Major Accomplishments (FY 2003):

- Consolidated all ICP/INEEL Roads and Grounds activities.
- Inspection of CFA Landfill by the State of Idaho resulted in "no" findings.

Major Planned Initiatives (FY 2004):

- Complete the INTEC Parking Lot Expansion, adding 50 new parking spaces.
- Complete the CFA-502, Railroad Crossing.

Issues or Concerns:

- Settling of roadways and sidewalks has resulted in accumulated moisture. This moisture has caused damage to the roadways and presents walking hazards (icy conditions) during the winter months.

***Bus Operations and Maintenance***

Major Accomplishments (FY 2003):

- Earned the Division Leader Award in the Transit /Intercity Division from the National Safety Council for 2003 with an accident rate of 1.31 accidents per million miles.
- Increased service to Mackay for NRF.
- Started reconditioning of two buses.
- Maintained employee bus pass commitment to an annual average of 98% of available seats on BBWI routes.
- 1 Million Mile Awards to 10 bus drivers who have safely driven one million miles.
- All seven LNG buses are back in service.

Major Planned Initiatives (FY 2004):

- Initiate buy-out of Idaho Bus Lot.

Major Planned Initiatives (FY 2005–2010):

Issues or Concerns:

- The INEEL bus fleet is aging rapidly; 99 buses average 16 years old and over 750,000 miles. The downtime and maintenance costs are increasing.
- Maintaining a service that is cost competitive.
- Lacking additional funding, the current bus system must be reengineered to eliminate inefficiencies.

***Fleet Management***

Major Accomplishments (FY 2003):

- Governor presented the Gem Star Award for environmental excellence to the Fleet Maintenance Shop congratulating the mechanics for having one of the cleanest maintenance shops in the world and recognized the Big Shop team for being environmental role models.

- Re-organized to mirror private industry with one manager and two service writers. This required elimination of two support positions and expanded two craft positions to increase work production and turnaround time.
- Increase alternative fuel usage.
- Received Idaho Gem Star—Initial Tier—for demonstrating a proactive environmental attitude and implementing measures to reduce pollution, thus benefiting the State of Idaho.

Major Planned Initiatives (FY 2004):

- Development of a business plan to replace an aging fleet.

Issues or Concerns:

- Vehicle downtime must be reduced based on industry standards.

***Manufacturing and Fabrication Shop Operations***

Major Accomplishments (FY 2003):

- Centralized the manufacturing/fabrication shops and equipment into a one main INEEL Machine Shop (TRA-653). The shop is configured for current and future missions with the most capable INEEL equipment retained with space available for upgrades.
- Approximately 70 pieces of stationary machining equipment was excessed from CFA, INTEC, and TRA.

Major Planned Initiatives (FY 2004):

- Purchase ESAB Water Jet for the Fabrication and Manufacturing Shop at TRA (GPCE).

Major Planned Initiatives (FY 2005–2010):

Issues or Concerns:

- Demands associated with the ATR Core Internal Changeout priorities could result in a backlog of work and potential schedule slippages on other work scope.

Table 8 is the site maintenance actions plans for the areas.



Table 8. Site maintenance action plans.

Site Maintenance Action Plan Table – Sitewide and CFA

Building Number	Building Name	Operational Status	Infrastructure Long-Range Plan Use	Active Year	Area (sq ft)	End Year	FCI	FY 2003	FY 2003	FY 2003	FY 2004	FY 2005	FY 2006
								Deferred Maint.	Budgeted Maintenance Cost	Actual Maintenance Costs	Budgeted Maintenance Cost	Budgeted Maintenance Cost	Budgeted Maintenance Cost
ARA-617	Dynamic Processing Facility	Operating	Service Buildings - Communication & Control	1961	1,557	2010	8.0%	\$45,765	\$12,448	\$11,732	\$11,035	\$11,580	\$12,100
B16-603	Exper Field St Barn	Operating	Storage Facilities - General Storage	1964	853	2015	0.7%	\$1,251	\$6,820	\$6,427	\$6,045	\$6,344	\$6,629
B16-604	Exper Field St Pumphouse	Operating	Service Buildings - Other Service	1964	208	2015	6.2%	\$2,814	\$1,663	\$1,567	\$1,474	\$1,547	\$1,616
B16-605	Noaa Storage Bldg	Operating	Storage Facilities - Programmatic General Storage	1968	703	2019	4.3%	\$6,254	\$5,620	\$5,297	\$4,982	\$5,229	\$5,463
B16-606	Exper Field St Stor Bldg	Operating	Storage Facilities - General Storage	1963	334	2014	0.0%	\$0	\$2,670	\$2,517	\$2,367	\$2,484	\$2,596
B16-607	Training & Storage Bldg	Shutdown pending D&D	Excess - Excess to current needs	1982	1,220	2002	0.0%	\$0	\$1,220	\$1,220	\$1,220	\$1,220	\$1,220
B16-610	Meteorological Balloon Shelter	Operating	Storage Facilities - Hazardous/Flammable Storage	1960	145	2012	8.5%	\$2,296	\$1,159	\$1,093	\$1,028	\$1,078	\$1,127
B21-606	W. Portland Guardhouse	Operating	Service Buildings - Security Related	1984	110	2040	11.0%	\$4,301	\$879	\$829	\$780	\$818	\$855
B21-607	Weapons Range Complex Pumphse	Operating	Service Buildings - Other Service	1989	75	2029	4.7%	\$765	\$600	\$565	\$532	\$558	\$583
B21-608	Weapons Range House	Operating	Service Buildings - Security Related	1989	6,881	2029	0.2%	\$3,857	\$55,012	\$51,849	\$48,767	\$51,177	\$53,474
B21-609	Weapons Range Firing Line	Operating	Service Buildings - Security Related	1989	1,980	2029	0.0%	\$162	\$15,830	\$14,920	\$14,033	\$14,726	\$15,387
B21-610	Firing Line Cover 5	Operating	Service Buildings - Security Related	1989	810	2029	0.1%	\$162	\$6,476	\$6,103	\$5,741	\$6,024	\$6,295
B21-611	Weapons Range Firing Stand Enc	Operating	Service Buildings - Security Related	1989	600	2029	0.0%	\$0	\$4,797	\$4,521	\$4,252	\$4,463	\$4,663
B21-612	CFA Landfill Trailer	Operating	Office/Administrative Buildings - Sitewide	1994	960	2014	0.0%	\$0	\$7,675	\$7,234	\$6,804	\$7,140	\$7,460
B21-613	Landfill Trailer	Operating	Service Buildings - Other Service	1986	281	2015	3.0%	\$2,908	\$2,247	\$2,117	\$1,992	\$2,090	\$2,184
B21-614	Landfill Change Room (Women)	Operating	Service Buildings - Other Service	1983	200	2015	5.8%	\$4,622	\$1,599	\$1,507	\$1,417	\$1,488	\$1,554
B21-620	Substation Control Building	Operating	Service Buildings - Other Service	1995	350	2016	2.4%	\$1,990	\$2,798	\$2,637	\$2,481	\$2,603	\$2,720
B21-621	Air Monitoring Building	Operating	Service Buildings - Other Service	1991	100	2035	9095.0%	\$306	\$799	\$754	\$709	\$744	\$777
B21-622	Landfill Equipment Shop	Operating	Service Buildings - Vehicle Repair	2001	4,874	2015	0.0%	\$0	\$38,966	\$36,726	\$34,543	\$36,250	\$37,877
B23-602	Taylor Generator Bldg.	Shutdown pending D&D	Excess - Excess to current needs	1984	133	1993	0.0%	\$0	\$133	\$133	\$133	\$133	\$133
B25-601	SDA Engineered Barriers Test F	Operating	Laboratories - Restoration - Technology Development	1996	2,112	2030	0.0%	\$0	\$16,885	\$15,914	\$14,968	\$15,708	\$16,413
B27-601	Generator Bldg, Main	Operating	Service Buildings - Other Service	1984	133	2035	1.5%	\$395	\$1,063	\$1,002	\$943	\$989	\$1,034
B27-602	E. Portland Guardhouse	Operating	Service Buildings - Security Related	1984	117	2035	15.7%	\$7,194	\$935	\$882	\$829	\$870	\$909
B27-603	Security Badging Facility	Operating	Service Buildings - Security Related	1986	6,167	2035	1.8%	\$48,597	\$49,304	\$46,469	\$43,707	\$45,867	\$47,925
B27-604	Bus Passenger Shelter	Operating	Service Buildings - Other Service	1985	609	2012	0.0%	\$0	\$4,869	\$4,589	\$4,316	\$4,529	\$4,733
B27-605	Deep Well Pumphouse	Operating	Service Buildings - Other Service	1987	76	2035	0.0%	\$0	\$608	\$573	\$539	\$565	\$591
B27-606	Multipurpose Laboratory Facility	Operating	Laboratories - R&D - Technology Development & Dem	2001	1,200	2054	0.0%	#REF!	\$9,594	\$9,042	\$8,505	\$8,925	\$9,326
B28-601	East Butte Radio Comm. bldg	Operating	Service Buildings - Communication & Control	1996	936	2055	0.0%	\$2,559	\$7,483	\$7,053	\$6,634	\$6,962	\$7,274
B60-601	Office, Pocatello Bus Lot	Operating	Service Buildings - Other Service	1965	1,350	2057	0.2%	\$1,224	\$10,793	\$10,172	\$9,568	\$10,411	\$10,941
B60-602	SECOM Bldg, Iona Butte	Operating	Service Buildings - Communication & Control	1975	1,000	2054	0.0%	\$0	\$7,995	\$7,535	\$7,087	\$7,438	\$7,771
B60-604	Boise Outreach Office	Operating	Office/Administrative Buildings - Off Site	2000	2,025		#N/A	\$0	\$0	\$0	\$0	\$0	\$0
B8-601	Generator Bldg, Lincoln	Operating	Service Buildings - Other Service	1984	133	2040	1.7%	\$459	\$1,063	\$1,002	\$943	\$989	\$1,034
B8-602	Lincoln Guardhouse	Operating	Service Buildings - Security Related	1984	108	2040	10.2%	\$4,286	\$963	\$814	\$765	\$803	\$839
EBR-1601	Reactor Building And Anx.	Operating	Service Buildings - Other Service	1953	23,700	2035	0.3%	\$48,000	\$189,475	\$178,582	\$167,968	\$176,269	\$184,179
EBR-1602	Security Control House	Operating	Service Buildings - Other Service	1953	254	2035	0.0%	\$0	\$2,031	\$1,914	\$1,800	\$1,889	\$1,974
HPTF-604	Communications facility	Operating	Service Buildings - Communication & Control	1999	1,100	2040	0.0%	\$0	\$8,794	\$8,289	\$7,796	\$8,181	\$8,548
CF-1602	Hydrant & Standpipe Facility	Operating	Service Buildings - Other Service	1990	96	2011	0.0%	\$0	\$767	\$723	\$680	\$714	\$746
CF-1603	Fire Water Pump House	Operating	Service Buildings - Other Service	1994	1,785	2047	1.3%	\$10,172	\$14,271	\$13,450	\$12,651	\$13,276	\$13,872
CF-1605	CFA Waste Water Lab	Operating	Laboratories - Support - Environmental Monitoring	1995	1,334	2045	0.0%	\$3,000	\$10,665	\$10,052	\$9,454	\$9,922	\$10,367
CF-1606	CFA Training Facility	Operating	Service Buildings - Classroom and Training	1994	4,960	2044	0.0%	\$3,551	\$39,654	\$37,374	\$35,153	\$36,890	\$38,546
CF-1607	Antifreeze & Oil Dispensing	Operating	Storage Facilities - Hazardous/Flammable Storage	1995	140	2045	0.0%	\$0	\$1,119	\$1,055	\$992	\$1,041	\$1,088
CF-1608	Modular Office	Operating	Office/Administrative Buildings - CFA	1994	7,056	2012	0.0%	\$0	\$56,411	\$53,168	\$50,008	\$52,479	\$54,834
CF-1609	DOE Modular Office	Operating	Office/Administrative Buildings - CFA	1994	5,800	2012	0.0%	\$0	\$46,369	\$43,704	\$41,106	\$43,138	\$45,073
CF-1610	Modular Office	Shutdown pending disposal	Excess - Excess to current needs	1994	4,700	2002	0.0%	\$0	\$4,700	\$4,700	\$4,700	\$4,700	\$4,700
CF-1611	CFA Fire Station	Operating	Service Buildings - Fire Station	1996	29,800	2047	0.3%	\$38,700	\$238,243	\$224,546	\$211,201	\$221,638	\$231,584
CF-1612	CFA Medical Facility	Operating	Service Buildings - Medical Clinic	1996	22,817	2047	0.0%	\$2,755	\$182,416	\$171,929	\$161,710	\$169,702	\$177,317
CF-1614	Fire Training Facility	Operating	Service Buildings - Classroom and Training	1997	7,425	2047	0.0%	\$6,015	\$59,361	\$55,948	\$52,623	\$55,223	\$57,702
CF-1616	Truck Scale House	Operating	Service Buildings - Other Service	1997	121	2047	0.0%	\$0	\$967	\$912	\$858	\$900	\$940
CF-1618	Health Physics Instrument Lab	Operating	Laboratories - Support - Calibration	2002	15,741	2047	0.0%	\$0	\$125,845	\$118,610	\$111,561	\$117,074	\$122,328
CF-601	Warehouse	Operating	Storage Facilities - General Storage	1950	51,596	2022	1.2%	\$142,874	\$412,496	\$388,782	\$365,675	\$383,746	\$400,967
CF-602	Materials Test Lab & Field Eng	Operating	Laboratories - Support - Analytical	1969	4,295	2006	0.1%	\$8,282	\$34,337	\$32,363	\$30,440	\$31,944	\$33,378
CF-603	Dispensary	Shutdown pending D&D	Excess - Excess to current needs	1950	15,005	1997	0.0%	\$0	\$15,005	\$15,005	\$15,005	\$15,005	\$15,005
CF-604	Emergency Generator Building	Shutdown pending D&D	Excess - Excess to current needs	1983	210	1995	0.0%	\$0	\$210	\$210	\$210	\$210	\$210
CF-606	Office Building	Shutdown pending D&D	Excess - Excess to current needs	1942	7,105	1995	0.0%	\$0	\$7,105	\$7,105	\$7,105	\$7,105	\$7,105
CF-607	Office Building	Shutdown pending D&D	Excess - Excess to current needs	1942	3,115	1996	0.0%	\$0	\$3,115	\$3,115	\$3,115	\$3,115	\$3,115
CF-608	Materials Science Support Lab	Operating	Laboratories - R&D - Basic Science Research	1984	8,459	2047	0.1%	\$17,509	\$67,627	\$63,740	\$59,951	\$62,914	\$65,737
CF-609	Security Headquarters	Operating	Service Buildings - Security Related	1988	38,797	2047	0.1%	\$49,373	\$310,172	\$292,340	\$274,965	\$288,553	\$301,502
CF-611	Change House	Operating	Service Buildings - Other Service	1991	16	2011	0.0%	\$0	\$128	\$128	\$128	\$128	\$128
CF-612	Office/Three Labs	Operating	Office/Administrative Buildings - CFA	1983	9,855	2012	0.1%	\$2,357	\$78,788	\$74,259	\$69,845	\$73,297	\$76,586
CF-613	Bunkhouse	Shutdown pending D&D	Excess - Excess to current needs	1942	2,942	1995	0.0%	\$0	\$2,942	\$2,942	\$2,942	\$2,942	\$2,942
CF-614	Office Building	Operating	Office/Administrative Buildings - CFA	1986	8,090	2004	0.1%	\$1,837	\$64,677	\$60,959	\$57,336	\$60,090	\$62,900
CF-615	Office Building	Operating	Office/Administrative Buildings - CFA	1990	9,844	2047	4.5%	\$131,932	\$78,700	\$74,176	\$69,767	\$73,215	\$76,500
CF-616	NOAA Storage	Operating	Storage Facilities - Programmatic General Storage	1983	407	2011	4.4%	\$3,006	\$3,254	\$3,067	\$2,885	\$3,027	\$3,163
CF-619	Utility Building	Operating	Service Buildings - Other Service	1989	410	2008	0.0%	\$0	\$3,278	\$3,089	\$2,906	\$3,049	\$3,186

Building Number	Building Name	Operational Status	Infrastructure Long-Range Plan Use	Active Year	Area (sq ft)	End Use Year	FCI	FY 2003	FY 2003	FY 2003	FY 2004	FY 2005	FY 2006
								Deferred Maint.	Budgeted Maintenance Cost	Actual Maintenance Costs	Budgeted Maintenance Cost	Budgeted Maintenance Cost	Budgeted Maintenance Cost
CF-621	Multicraft Shop #1	Operating	Service Buildings - Building Trade & Maintenance	1983	10,068	2009	0.1%	\$7,041	\$80,491	\$75,864	\$71,355	\$74,881	\$78,241
CF-622	Multicraft Shop #2	Operating	Service Buildings - Building Trade & Maintenance	1985	10,549	2009	0.0%	\$17,242	\$84,336	\$79,488	\$74,764	\$78,458	\$81,979
CF-623	Multicraft Shop #3	Operating	Service Buildings - Building Trade & Maintenance	1986	11,384	2009	0.1%	\$14,328	\$91,012	\$85,780	\$80,681	\$84,669	\$88,468
CF-624	Multicraft Shop #4	Operating	Service Buildings - Building Trade & Maintenance	1986	8,963	2009	0.1%	\$4,439	\$71,657	\$67,537	\$63,523	\$66,662	\$69,654
CF-625	CFA Laboratory Complex	Operating	Laboratories - Support - Environmental Monitoring	1989	7,533	2008	4.7%	\$352,301	\$60,224	\$56,762	\$53,388	\$56,027	\$58,541
CF-629	Office Building	Operating	Office/Administrative Buildings - CFA	1979	9,867	2008	0.4%	\$20,706	\$78,884	\$74,349	\$69,930	\$73,386	\$76,679
CF-632	Boiler Operations Lunchroom	Shutdown pending D&D	Excess - Excess to current needs	1945	301	1996	0.0%	\$0	\$301	\$301	\$301	\$301	\$301
CF-633	Health Physics Instru. Lab	Operating	Laboratories - Support - Calibration	1942	18,596	2003	28.0%	\$0	\$148,670	\$140,123	\$18,596	\$18,596	\$18,596
CF-635	Storage Bunker	Shutdown pending D&D	Excess - Excess to current needs	1943	266	1998	5.8%	\$0	\$266	\$266	\$266	\$266	\$266
CF-637	Hazard Chem. Storage	Operating	Storage Facilities - Hazardous/Flammable Storage	1943	2,230	2011	0.1%	\$6,061	\$17,828	\$16,803	\$15,805	\$16,586	\$17,330
CF-638	Dosimetry Calibration Lab	Operating	Laboratories - Support - Calibration	1943	1,030	2010	0.8%	\$12,000	\$8,235	\$7,761	\$7,300	\$7,661	\$8,004
CF-642	Pump House (CFA Well No. 2)	Operating	Service Buildings - Other Service	1949	151	2047	10.2%	\$15,138	\$1,207	\$1,138	\$1,070	\$1,123	\$1,173
CF-646	Storage Building	Shutdown pending D&D	Excess - Excess to current needs	1960	223	2002	1.4%	\$0	\$223	\$223	\$223	\$223	\$223
CF-650	Heating Plant	Operating	Service Buildings - Other Service	1943	1,513	2003	0.5%	\$0	\$12,096	\$11,401	\$11,513	\$11,513	\$11,513
CF-651	Pump House (CFA Well No. 1)	Operating	Service Buildings - Other Service	1949	150	2047	3.0%	\$918	\$1,199	\$1,130	\$1,063	\$1,116	\$1,166
CF-660	Laborers & Equip Operator Bldg	Shutdown pending D&D	Excess - Excess to current needs	1963	5,454	2002	0.7%	\$0	\$5,454	\$5,454	\$5,454	\$5,454	\$5,454
CF-661	Material Staging Building	Operating	Storage Facilities - General Storage	1963	4,852	2009	0.2%	\$1,990	\$38,790	\$36,560	\$34,387	\$36,087	\$37,706
CF-662	Cafeteria	Operating	Service Buildings - Cafeteria	1951	12,682	2012	8.1%	\$806,440	\$100,590	\$94,807	\$89,172	\$93,579	\$97,778
CF-663	Core Storage	Operating	Storage Facilities - Programmatic General Storage	1990	6,067	2047	0.7%	\$8,954	\$48,504	\$45,716	\$42,998	\$45,123	\$47,148
CF-664	Storage Building	Operating	Storage Facilities - General Storage	1951	16,399	2005	4.2%	\$142,395	\$131,106	\$123,568	\$116,224	\$121,968	\$16,399
CF-666	Maintenance Support Building	Operating	Service Buildings - Building Trade & Maintenance	1951	12,146	2004	2.8%	\$196,930	\$97,104	\$91,522	\$86,082	\$12,146	\$12,146
CF-667	Storage Building	Shutdown pending D&D	Excess - Excess to current needs	1951	6,257	2002	5.5%	\$0	\$6,257	\$6,257	\$6,257	\$6,257	\$6,257
CF-668	Communication Building	Operating	Service Buildings - Communication & Control	1951	10,275	2047	1.7%	\$94,802	\$82,146	\$77,423	\$72,822	\$76,420	\$79,850
CF-671	Boiler House	Operating	Service Buildings - Other Service	1951	1,094	2009	16.9%	\$53,818	\$8,746	\$8,243	\$7,753	\$8,137	\$8,502
CF-674	Warehouse	Operating	Storage Facilities - General Storage	1952	49,326	2006	32.2%	\$3,228,303	\$394,348	\$371,677	\$349,586	\$366,862	\$383,326
CF-675	Generator Building	Shutdown pending D&D	Excess - Excess to current needs	1963	145	1997	0.0%	\$0	\$145	\$145	\$145	\$145	\$145
CF-676	Doe Equipment Storage	Operating	Storage Facilities - Programmatic General Storage	1963	1,468	2011	0.6%	\$1,684	\$11,736	\$11,062	\$10,404	\$10,918	\$11,408
CF-679	Generator Bldg	Operating	Service Buildings - Other Service	1989	68	2004	12.0%	\$1,531	\$544	\$512	\$482	\$68	\$68
CF-680	Storage Building	Shutdown pending D&D	Excess - Excess to current needs	1951	79	1995	0.0%	\$0	\$79	\$79	\$79	\$79	\$79
CF-681	Substation Control House	Operating	Service Buildings - Communication & Control	1951	3,277	2047	0.0%	\$0	\$26,199	\$24,693	\$23,225	\$24,373	\$25,466
CF-684	Flammable Storage	Shutdown pending D&D	Excess - Excess to current needs	1952	256	2002	0.1%	\$0	\$256	\$256	\$256	\$256	\$256
CF-685	Bus Depot	Operating	Service Buildings - Other Service	1952	2,154	2007	6.1%	\$26,556	\$17,221	\$16,231	\$15,266	\$16,020	\$16,739
CF-686	High Bay	Operating	Storage Facilities - General Storage	1979	3,878	2010	0.8%	\$8,311	\$31,004	\$29,221	\$27,484	\$28,843	\$30,137
CF-688	Technical Center	Operating	Office/Administrative Buildings - CFA	1963	19,381	2010	1.6%	\$134,081	\$154,946	\$146,038	\$137,358	\$144,146	\$150,615
CF-689	Technical Center	Operating	Office/Administrative Buildings - CFA	1963	26,825	2010	0.1%	\$13,647	\$214,459	\$202,129	\$190,116	\$199,511	\$208,464
CF-690	Radiologica/Environ Lab	Operating	Laboratories - Support - Environmental Monitoring	1963	32,238	2010	1.2%	\$517,859	\$257,734	\$242,917	\$228,479	\$239,770	\$250,530
CF-692	Scale House	Shutdown pending D&D	Excess - Excess to current needs	1950	99	1997	0.0%	\$0	\$99	\$99	\$99	\$99	\$99
CF-695	Fire Safety Equip. Storage	Operating	Storage Facilities - Hazardous/Flammable Storage	1966	1,618	2007	0.2%	\$5,804	\$12,935	\$12,192	\$11,467	\$12,034	\$12,574
CF-696	CFA Transportation Complex	Operating	Service Buildings - Vehicle Repair	1995	81,672	2045	0.1%	\$86,926	\$652,946	\$615,408	\$578,831	\$607,436	\$634,695
CF-697	Equipment Storage	Operating	Storage Facilities - General Storage	1960	3,200	2009	4.7%	\$27,600	\$25,583	\$24,112	\$22,679	\$23,800	\$24,868
CF-698	Std & Cal Lab	Operating	Laboratories - Support - Calibration	1969	10,330	2047	0.3%	\$42,010	\$82,586	\$77,838	\$73,211	\$76,829	\$80,277
CF-699	Radio & Alarm Shop	Operating	Service Buildings - Building Trade & Maintenance	1969	6,383	2007	0.2%	\$7,653	\$51,030	\$48,097	\$45,238	\$47,474	\$49,604
			<b>CFA totals</b>		<b>725,662</b>			<b>\$6,466,299</b>	<b>\$5,452,964</b>	<b>\$5,142,205</b>	<b>\$4,716,993</b>	<b>\$4,816,050</b>	<b>\$4,917,187</b>

### Site Maintenance Action Plan Table – Idaho Falls

Building Number	Building Name	Operational Status	Infrastructure Long-Range Plan Use	Active Year	Area (sq ft)	End Use Year	FCI	FY 2003	FY 2003	FY 2003	FY 2004	FY 2005	FY 2006
								Deferred Maint.	Budgeted Maintenance Cost	Actual Maintenance Costs	Budgeted Maintenance Cost	Budgeted Maintenance Cost	Budgeted Maintenance Cost
IF-601	Research Office Bldg. #1	Operating	Office/Administrative Buildings - IFF	1987	20,000	2027	15.7%	\$305,109	\$157,029	\$161,107	\$115,291	\$119,297	\$121,809
IF-602	IRC Office Building	Operating	Office/Administrative Buildings - IFF	1983	45,057	2033	0.4%	\$28,265	\$353,762	\$362,950	\$259,734	\$268,759	\$274,418
IF-603	IRC Laboratory Building	Operating	Laboratories - R&D - Basic Science Research	1984	99,189	2034	0.8%	\$298,797	\$778,776	\$799,003	\$571,781	\$591,649	\$604,108
IF-604A	Technical Support Annex	Operating	Service Buildings - Classroom and Training	1978	50,500	2015	0.0%	\$7,172	\$0	\$0	\$0	\$0	\$0
IF-604B	Technical Support Building	Operating	Office/Administrative Buildings - IFF	1976	50,000	2015	0.1%	\$11,259	\$0	\$0	\$0	\$0	\$0
IF-605	Energy Storage Technology Lab	Operating	Laboratories - R&D - Technology Development & Dem	1984	5,000	2041	4.2%	\$83,497	\$39,257	\$40,277	\$28,823	\$29,824	\$30,452
IF-606	ID South	Operating	Office/Administrative Buildings - IFF	1985	65,532	2045	0.0%	\$6,617	\$0	\$0	\$0	\$0	\$0
IF-608	INEEL Supercomputing Center	Operating	Service Buildings - Communication & Control	1968	37,154	2015	0.1%	\$77,785	\$291,712	\$299,289	\$214,177	\$221,619	\$226,285
IF-609	ID North	Operating	Office/Administrative Buildings - IFF	1981	60,606	2003	0.3%	\$0	\$0	\$0	\$0	\$0	\$0
IF-610	Landlord Storage Bldg.	Operating	Storage Facilities - General Storage	1986	894	2028	0.3%	\$153	\$7,019	\$7,201	\$5,154	\$5,333	\$5,445
IF-611	National Security Laboratory	Operating	Laboratories - R&D - Basic Science Research	1989	4,500	2039	5.2%	\$75,694	\$35,331	\$36,249	\$25,941	\$26,842	\$27,407
IF-613	North Boulevard Annex	Operating	Laboratories - R&D - Basic Science Research	1963	14,667	2007	0.5%	\$19,651	\$115,157	\$118,148	\$84,549	\$87,487	\$89,329
IF-614	May Street North	Operating	Laboratories - R&D - Technology Development & Dem	1960	3,250	2007	0.6%	\$4,711	\$0	\$0	\$0	\$0	\$0
IF-615	May Street South	Operating	Laboratories - R&D - Technology Development & Dem	1960	6,200	2007	0.9%	\$12,599	\$0	\$0	\$0	\$0	\$0
IF-616	Willow Creek Bldg	Operating	Office/Administrative Buildings - IFF	1979	284,100	2040	0.1%	\$57,724	\$0	\$0	\$0	\$0	\$0
IF-617	Willow Creek Mechanical Bldg.	Operating	Service Buildings - Building Trade & Maintenance	1979	6,064	2040	1.5%	\$14,579	\$0	\$0	\$0	\$0	\$0
IF-618	University Place	Operating	Service Buildings - Other Service	1976	14,200	2016	0.0%	\$813	\$0	\$0	\$0	\$0	\$0
IF-627	Systems Analysis Facility	Operating	Office/Administrative Buildings - IFF	1988	11,508	2038	15.1%	\$191,210	\$90,354	\$92,701	\$66,339	\$68,644	\$70,089
IF-631	Bus Dispatch	Operating	Service Buildings - Vehicle Repair	1986	3,500	2045	0.1%	\$1,161	\$27,480	\$28,194	\$20,176	\$20,877	\$21,317
IF-635	IRC Backup Fire Water Pumphouse	Operating	Service Buildings - Other Service	1990	150	2040	6.3%	\$755	\$1,178	\$1,208	\$865	\$895	\$914
IF-638	IRC Physics Lab	Operating	Laboratories - R&D - Basic Science Research	1991	7,700	2041	3.6%	\$134,053	\$60,456	\$62,026	\$44,387	\$45,929	\$46,897
IF-639	North Holmes Laboratory	Operating	Laboratories - R&D - Basic Science Research	1960	22,064	2007	0.2%	\$17,689	\$0	\$0	\$0	\$0	\$0
IF-651	North Yellowstone Laboratory	Operating	Laboratories - R&D - Technology Development & Dem	1984	8,000	2007	0.4%	\$6,344	\$0	\$0	\$0	\$0	\$0
IF-654	Engineering Research Office B1	Operating	Office/Administrative Buildings - IFF	1993	244,000	2045	0.1%	\$82,923	\$0	\$0	\$0	\$0	\$0
IF-655	IRC Chemical Storage Facility	Operating	Storage Facilities - Hazardous/Flammable Storage	1995	3,875	2045	0.0%	\$250	\$30,424	\$31,215	\$22,338	\$23,114	\$23,601
IF-657	INEEL Engineering Demo Facilit	Operating	Laboratories - R&D - Technology Development & Dem	1995	8,170	2045	4.5%	\$128,335	\$64,146	\$65,812	\$47,096	\$48,733	\$49,759
IF-658	Natl. Security Lab. Greenhouse	Operating	Laboratories - R&D - Basic Science Research	1996	644	2015	0.0%	\$0	\$5,056	\$5,188	\$3,712	\$3,841	\$3,922
IF-663	Records Storage Facility	Operating	Storage Facilities - General Storage	2001	21,060	2050	0.0%	#REF!	\$165,351	\$169,646	\$121,402	\$125,620	\$128,265
IF-664	Heyrend Way Lab	Operating	Laboratories - R&D - Technology Development & Dem	1999	7,000	2007	0.0%	\$0	\$0	\$0	\$0	\$0	\$0
IF-670	Bon. County Technology Cntr	Operating	Laboratories - R&D - Technology Development & Dem	1999	2,000	2007	0.0%	\$0	\$15,703	\$16,111	\$11,529	\$11,930	\$12,181
IF-671	IF Lincoln Facility	Operating	Office/Administrative Buildings - IFF	2003	4,624	2004	#N/A	\$0	\$36,305	\$37,248	\$26,655	\$4,624	\$4,624
<b>IFA Totals</b>					<b>1,131,208</b>			<b>\$1,567,145</b>	<b>\$2,274,497</b>	<b>\$2,333,573</b>	<b>\$1,669,948</b>	<b>\$1,705,017</b>	<b>\$1,740,822</b>

## Site Maintenance Action Plan Table – INTEC

Building Number	Building Name	Operational Status	Infrastructure Long-Range Plan Use	Active Year	Area (sq ft)	End Use Year	FCI	FY 2003	FY 2003	FY 2003	FY 2004	FY 2005	FY 2006
								Deferred Maint.	Budgeted Maintenance Cost	Actual Maintenance Costs	Budgeted Maintenance Cost	Budgeted Maintenance Cost	Budgeted Maintenance Cost
CPP-1603	Landroll Storage Facility	Operating	Storage Facilities - General Storage	1984	240	2010	6.1%	\$2,700	\$5,260	\$5,056	\$3,419	\$3,548	\$3,637
CPP-1604	Office Building	Operating	Office/Administrative Buildings - INTEC	1986	22,500	2029	0.3%	\$34,068	\$493,119	\$473,972	\$320,533	\$332,646	\$340,946
CPP-1605	Engineering Support Building	Operating	Office/Administrative Buildings - INTEC	1986	16,800	2029	5.1%	\$255,877	\$368,196	\$353,899	\$239,331	\$248,376	\$254,573
CPP-1606	Plant Support Warehouse	Operating	Storage Facilities - General Storage	1986	17,400	2029	11.6%	\$381,789	\$381,346	\$366,539	\$247,879	\$257,246	\$263,665
CPP-1607	Automatic Foam Fire Prot. Bldg	Operating	Service Buildings - Other Service	1983	160	2004	2.2%	\$645	\$3,507	\$3,370	\$2,279	\$160	\$160
CPP-1608	Contaminated Equip. Storage	Operating	Service Buildings - Building Trade & Maintenance	1987	4,000	2028	0.4%	\$9,987	\$87,686	\$84,262	\$56,984	\$59,137	\$60,613
CPP-1610	Salt Pit Control House	Operating	Service Buildings - Other Service	1985	30	2029	21.0%	\$1,635	\$657	\$632	\$427	\$444	\$455
CPP-1611	Pond 327 Pumphouse	Operational standby	Service Buildings - Other Service	1985	25	2012	0.0%	\$0	\$548	\$527	\$366	\$370	\$379
CPP-1612	Pond 326 Pumphouse	Operational standby	Service Buildings - Other Service	1985	25	2011	10.0%	\$715	\$548	\$527	\$356	\$370	\$379
CPP-1615	Equipment Building-7th Bin Set	Operating	Storage Facilities - Programmatic General Storage	1989	80	2019	29.3%	\$6,600	\$1,753	\$1,685	\$1,140	\$1,183	\$1,212
CPP-1616	Glass Shop Storage	Operating	Storage Facilities - General Storage	1986	300	2010	3.3%	\$1,815	\$6,575	\$6,320	\$4,274	\$4,435	\$4,546
CPP-1617	Waste Staging Facility	Operating	Production/Plant Buildings - Nuclear Waste Processir	1986	6,000	2004	0.0%	\$1,200	\$131,498	\$126,393	\$85,475	\$6,000	\$6,000
CPP-1618	Liquid Eff. Treat. Disp. Bldg.	Operating	Production/Plant Buildings - Nuclear Waste Processir	1990	6,000	2026	0.0%	\$58,890	\$131,498	\$126,393	\$85,475	\$88,706	\$90,919
CPP-1619	Haz Chem/Rad Waste Fac.	Operating	Production/Plant Buildings - Nuclear Waste Processir	1988	2,800	2030	0.0%	\$1,320	\$61,366	\$58,963	\$39,889	\$41,396	\$42,429
CPP-1630	Fire Protection Bldg	Operating	Service Buildings - Fire Station	1987	247	2004	4.3%	\$4,738	\$5,413	\$5,203	\$3,519	\$247	\$247
CPP-1631	Production Computer Support	Operating	Service Buildings - Communication & Control	1988	11,774	2029	0.1%	\$8,287	\$258,044	\$248,024	\$167,731	\$174,070	\$178,413
CPP-1634	Technology Dev. Facility	Operating	Laboratories - R&D - Technology Development & Dem	1993	3,157	2029	0.2%	\$6,393	\$69,190	\$66,504	\$44,974	\$46,674	\$47,838
CPP-1635	Haz. Chemical Storage Facility	Operating	Storage Facilities - Hazardous/Flammable Storage	1992	2,510	2011	0.7%	\$17,715	\$55,010	\$52,874	\$35,757	\$37,108	\$38,034
CPP-1636	Warehouse	Operating	Storage Facilities - General Storage	1989	6,000	2025	1.4%	\$16,196	\$131,498	\$126,393	\$85,475	\$88,706	\$90,919
CPP-1637	FPR Weld Fab Shop	Operating	Storage Facilities - General Storage	1989	8,400	2025	0.9%	\$12,722	\$184,098	\$176,950	\$119,666	\$124,188	\$127,286
CPP-1638	Temporary Waste Storage Facility	Operating	Storage Facilities - Nuclear Contaminated Storage	1989	2,000	2025	0.0%	\$0	\$43,833	\$42,131	\$28,492	\$29,569	\$30,306
CPP-1642	Fire Pumphouse	Operating	Service Buildings - Other Service	1992	660	2031	1.5%	\$1,830	\$14,465	\$13,903	\$9,402	\$9,758	\$10,001
CPP-1643	Fire Pumphouse	Operating	Service Buildings - Other Service	1992	660	2031	1.5%	\$1,830	\$14,465	\$13,903	\$9,402	\$9,758	\$10,001
CPP-1644	Bulk Chemical Unloading	Operating	Production/Plant Buildings - Materials Handling or Pro	1991	1,650	2012	0.6%	\$6,666	\$36,162	\$34,758	\$23,506	\$24,394	\$25,003
CPP-1646	Anti-C Safety Handling	Operating	Storage Facilities - Nuclear Contaminated Storage	1991	3,842	2029	0.6%	\$29,526	\$84,203	\$80,933	\$54,733	\$56,801	\$58,218
CPP-1647	Deminerizer Waste Neutralize	Operating	Production/Plant Buildings - Materials Handling or Pro	1991	672	2005	0.7%	\$3,174	\$14,728	\$14,156	\$9,573	\$9,935	\$672
CPP-1649	Instr. Storage & Maint. Fac.	Operating	Service Buildings - Other Service	1991	1,744	2019	0.2%	\$8,243	\$38,222	\$36,738	\$24,845	\$25,784	\$26,427
CPP-1650	Training Support Facility	Operating	Service Buildings - Classroom and Training	1992	7,166	2024	0.7%	\$15,547	\$157,053	\$150,955	\$102,086	\$105,944	\$108,587
CPP-1651	Operations Training Facility	Operating	Service Buildings - Classroom and Training	1992	6,000	2024	2.4%	\$40,273	\$131,498	\$126,393	\$85,475	\$88,706	\$90,919
CPP-1653	Subcontractor's Warehouse	Operating	Storage Facilities - General Storage	1991	12,400	2020	1.0%	\$24,119	\$271,763	\$261,211	\$176,649	\$183,325	\$187,899
CPP-1656	Warehouse	Operating	Storage Facilities - General Storage	1991	6,065	2029	0.5%	\$5,724	\$132,923	\$127,762	\$86,401	\$89,667	\$91,904
CPP-1659	Contaminated Equip Maint. Bldg	Operating	Production/Plant Buildings - Nuclear Waste Processir	1994	1,660	2012	0.0%	\$7,116	\$36,381	\$34,969	\$23,648	\$24,542	\$25,154
CPP-1662	Remote Insp. Engr. Facility	Operating	Laboratories - Restoration - Technology Development	1992	2,772	2020	1.2%	\$34,380	\$60,752	\$58,393	\$39,490	\$40,982	\$42,005
CPP-1663	Security & Fire Prot. Support	Operating	Office/Administrative Buildings - INTEC	1992	4,800	2020	0.4%	\$5,805	\$105,199	\$101,114	\$68,380	\$70,964	\$72,735
CPP-1666	Engineering Support Office	Operating	Office/Administrative Buildings - INTEC	1993	7,168	2020	2.7%	\$58,878	\$157,097	\$150,997	\$102,115	\$105,974	\$108,618
CPP-1671	Protective Force Support Fac.	Operating	Service Buildings - Security Related	1993	3,000	2029	0.3%	\$2,646	\$65,749	\$63,196	\$42,738	\$44,363	\$45,459
CPP-1672	Access Control Building (TF)	Operating	Service Buildings - Security Related	1993	144	2012	13.4%	\$7,523	\$3,156	\$3,033	\$2,051	\$2,129	\$2,182
CPP-1673	Utility Control Center	Operating	Service Buildings - Communication & Control	1993	1,600	2029	0.3%	\$1,479	\$35,066	\$33,705	\$22,793	\$23,655	\$24,245
CPP-1674	Central Alarm Station	Operating	Service Buildings - Communication & Control	1997	2,000	2029	0.2%	\$7,178	\$43,833	\$42,131	\$28,492	\$29,569	\$30,306
CPP-1676	Oil Hazardous Materials Bldg.	Operating	Storage Facilities - Hazardous/Flammable Storage	1994	114	2025	2.3%	\$2,550	\$2,498	\$2,401	\$1,624	\$1,685	\$1,727
CPP-1677	Change Room	Operating	Service Buildings - Other Service	1994	230	2012	0.7%	\$550	\$5,041	\$4,845	\$3,277	\$3,400	\$3,485
CPP-1678	Contractors Lunch Room	Operating	Service Buildings - Other Service	1994	2,450	2019	1.4%	\$20,014	\$53,695	\$51,610	\$34,902	\$36,221	\$37,125
CPP-1681	Box Staging Area	Operating	Storage Facilities - Programmatic General Storage	1994	7,900	2029	0.0%	\$0	\$173,140	\$166,417	\$112,543	\$116,796	\$119,710
CPP-1682	Kerosene Pumphouse	Operating	Storage Facilities - Programmatic General Storage	1994	240	2012	9.1%	\$7,187	\$5,260	\$5,056	\$3,419	\$3,548	\$3,637
CPP-1683	Waste Operations Control Room	Operating	Production/Plant Buildings - Nuclear Waste Processir	1996	2,021	2029	0.0%	\$29,853	\$44,293	\$42,573	\$28,791	\$29,879	\$30,625
CPP-1684	Standby Generator Facility	Operating	Service Buildings - Other Service	2000	4,500	2031	0.0%	#REF!	\$98,624	\$94,794	\$64,107	\$66,529	\$68,189
CPP-1686	Access Control Facility	Operating	Service Buildings - Security Related	2000	7,500	2029	0.0%	\$0	\$164,373	\$157,991	\$106,844	\$110,882	\$113,649
CPP-1689	Administrative Building	Operating	Administrative Building	2003	1,960	2060	0.0%	\$0	\$42,956	\$41,288	\$27,922	\$28,977	\$29,700
CPP-601	Fuel Process Building	Operating	Production/Plant Buildings - Nuclear Waste Processir	1953	57,981	2012	0.1%	\$249,381	\$1,270,735	\$1,221,395	\$825,992	\$857,206	\$878,595
CPP-602	Laboratory/Offices Bldg	Operating	Laboratories - Restoration - Analytical	1953	47,628	2020	0.5%	\$351,116	\$1,043,835	\$1,003,305	\$678,504	\$704,145	\$721,714
CPP-603	Wet & Dry Fuel Storage Fac.	Operating	Storage Facilities - Special Nuclear Material Storage	1953	26,800	2022	0.1%	\$92,550	\$687,360	\$664,554	\$381,790	\$396,218	\$406,104
CPP-604	Rare Gas Plant/Waste Bldg	Operating	Production/Plant Buildings - Nuclear Waste Processir	1953	9,600	2026	0.0%	\$25,691	\$210,398	\$202,228	\$136,761	\$141,929	\$145,470
CPP-605	Blower Building	Operating	Service Buildings - Other Service	1953	2,944	2026	0.4%	\$95,105	\$64,522	\$62,017	\$41,940	\$43,525	\$44,611
CPP-606	Service Bldg Powerhouse	Operating	Production/Plant Buildings - Production/Manufacturing	1953	13,510	2030	3.1%	\$308,057	\$296,091	\$284,594	\$192,462	\$199,735	\$204,719
CPP-608	Storage Building	Shutdown pending D&D	Excess - Excess to current needs	1953	2,600	1998	0.0%	\$0	\$2,600	\$2,600	\$2,600	\$2,600	\$2,600
CPP-609	Cold Waste Facility Office	Operating	Office/Administrative Buildings - INTEC	1977	981	2029	2.9%	\$8,913	\$21,500	\$20,665	\$13,975	\$14,503	\$14,865
CPP-611	Water Well #1 Pumphouse	Operating	Service Buildings - Other Service	1953	980	2029	1.9%	\$4,015	\$21,478	\$20,644	\$13,961	\$14,489	\$14,850
CPP-612	Water Well #2 Pumphouse	Operating	Service Buildings - Other Service	1953	980	2029	1.2%	\$2,455	\$21,478	\$20,644	\$13,961	\$14,489	\$14,850
CPP-613	Substation #10	Operating	Service Buildings - Other Service	1953	1,956	2029	6.1%	\$27,391	\$42,868	\$41,204	\$27,865	\$28,918	\$29,640
CPP-614	Diesel Engine Pumphouse	Operating	Service Buildings - Other Service	1984	247	2029	7.5%	\$4,866	\$5,413	\$5,203	\$3,519	\$3,652	\$3,743
CPP-615	Waste Water Treatment Plant	Operating	Service Buildings - Other Service	1982	124	2031	0.0%	\$0	\$2,718	\$2,612	\$1,766	\$1,833	\$1,879
CPP-616	Emergency Air Compressor	Operating	Service Buildings - Other Service	1979	247	2029	66.8%	\$42,870	\$5,413	\$5,203	\$3,519	\$3,652	\$3,743
CPP-617	Storage Building	Shutdown pending transfer	Excess - Excess to current needs	1982	4,936	2000	15.6%	\$143,876	\$4,936	\$4,936	\$4,936	\$4,936	\$4,936
CPP-618	Tank Farm Measure/Control	Operating	Storage Facilities - Programmatic General Storage	1955	247	2012	22.6%	\$15,615	\$5,413	\$5,203	\$3,519	\$3,652	\$3,743

Building Number	Building Name	Operational Status	Infrastructure Long-Range Plan Use	Active Year	Area (sq ft)	End Use Year	FCI	FY 2003 Deferred Maint.	FY 2003 Budgeted	FY 2003 Actual	FY 2004 Budgeted	FY 2005 Budgeted	FY 2006 Budgeted
									Maintenance Cost	Maintenance Costs	Maintenance Cost	Maintenance Cost	Maintenance Cost
CPP-619	Waste Storage Controlhouse	Operating	Service Buildings - Communication & Control	1955	372	2012	8.6%	\$36,640	\$8,153	\$7,836	\$5,299	\$5,600	\$5,637
CPP-620	Chem.Engr. Lab High Bay	Operating	Laboratories - Restoration - Analytical	1968	4,418	2012	0.2%	\$10,332	\$96,827	\$93,607	\$62,938	\$65,317	\$66,947
CPP-620A	Annex	Operating	Storage Facilities - Hazardous/Flammable Storage	1973	240	2012	0.0%	\$0	\$5,260	\$5,056	\$3,419	\$3,548	\$3,637
CPP-621	Chemical Storage Pumphouse	Operating	Storage Facilities - Hazardous/Flammable Storage	1955	742	2010	4.6%	\$40,581	\$16,262	\$15,631	\$10,570	\$10,970	\$11,244
CPP-622	Tank Farm Instrument House	Operating	Production/Plant Buildings - Nuclear Waste Processir	1960	36	2012	0.0%	\$0	\$789	\$758	\$513	\$532	\$546
CPP-623	Tank Farm Instrument House	Operating	Production/Plant Buildings - Nuclear Waste Processir	1960	63	2012	0.0%	\$0	\$1,381	\$1,327	\$897	\$931	\$955
CPP-626	Change Room	Operating	Service Buildings - Other Service	1953	1,956	2027	4.0%	\$30,621	\$42,868	\$41,204	\$27,865	\$28,918	\$29,640
CPP-627	Remote Analytical Facility	Shutdown pending D&D	Excess - Excess to current needs	1955	14,727	1991	0.0%	\$0	\$14,727	\$14,727	\$14,727	\$14,727	\$14,727
CPP-628	Tank Farm Controlhouse	Operating	Service Buildings - Communication & Control	1953	1,481	2012	0.0%	\$9,150	\$32,458	\$31,198	\$21,098	\$21,895	\$22,442
CPP-629	Office Building	Shutdown pending disposal	Excess - Excess to current needs	1988	6,869	2001	0.2%	\$0	\$6,869	\$6,869	\$6,869	\$6,869	\$6,869
CPP-630	Safety/Spectrometry	Operating	Office/Administrative Buildings - INTEC	1956	22,090	2020	6.2%	\$531,203	\$484,134	\$465,335	\$314,892	\$326,584	\$334,733
CPP-632	Instrument House, T F Area	Operating	Production/Plant Buildings - Nuclear Waste Processir	1960	63	2012	0.0%	\$0	\$1,381	\$1,327	\$897	\$931	\$955
CPP-634	Waste Station Wm-185	Operating	Production/Plant Buildings - Nuclear Waste Processir	1958	300	2012	1.8%	\$13,224	\$6,575	\$6,320	\$4,274	\$4,435	\$4,546
CPP-635	Waste Stations Wm-187-188	Operating	Production/Plant Buildings - Nuclear Waste Processir	1960	200	2012	0.6%	\$2,826	\$4,383	\$4,213	\$2,849	\$2,957	\$3,031
CPP-636	Waste Stations Wm-189-190	Operating	Production/Plant Buildings - Nuclear Waste Processir	1965	200	2012	0.6%	\$2,976	\$4,383	\$4,213	\$2,849	\$2,957	\$3,031
CPP-637	Process Improvement Fac.	Operating	Laboratories - Restoration - Technology Development	1959	32,500	2012	3.2%	\$1,433,440	\$712,283	\$684,627	\$462,992	\$480,488	\$492,477
CPP-638	Waste Station Wm-180	Operational standby	Production/Plant Buildings - Nuclear Waste Processir	1968	50	2012	2.4%	\$2,976	\$1,096	\$1,053	\$712	\$739	\$758
CPP-639	Instrumentation Bldg Bin Set 1	Operating	Production/Plant Buildings - Nuclear Waste Processir	1978	372	2027	2.5%	\$2,763	\$8,153	\$7,836	\$5,299	\$5,600	\$5,637
CPP-640	Headend Process Plant	Shutdown pending D&D	Excess - Excess to current needs	1961	13,000	1991	0.0%	\$0	\$284,913	\$273,851	\$185,197	\$192,195	\$196,991
CPP-641	Waste Holdup Pumphouse	Operational standby	Production/Plant Buildings - Nuclear Waste Processir	1961	372	2012	0.1%	\$5,004	\$8,153	\$7,836	\$5,299	\$5,600	\$5,637
CPP-642	Hot Waste Pumphouse	Shutdown pending D&D	Excess - Excess to current needs	1968	100	1989	0.0%	\$0	\$2,192	\$2,107	\$1,425	\$1,478	\$1,515
CPP-644	Substation #20 Emer. Power	Operating	Service Buildings - Other Service	1960	1,956	2031	4.6%	\$20,150	\$42,868	\$41,204	\$27,865	\$28,918	\$29,640
CPP-645	Office Building	Operating	Office/Administrative Buildings - INTEC	1976	6,747	2029	1.7%	\$39,015	\$147,870	\$142,128	\$96,117	\$99,749	\$102,238
CPP-646	Instr. Bldg 2nd Bin Set	Operating	Production/Plant Buildings - Nuclear Waste Processir	1966	50	2026	0.7%	\$903	\$1,096	\$1,053	\$712	\$739	\$758
CPP-647	Instr. Bldg 3rd Bin Set	Operating	Production/Plant Buildings - Nuclear Waste Processir	1971	50	2025	2.4%	\$2,968	\$1,096	\$1,053	\$712	\$739	\$758
CPP-648	Sludge Tank Control House	Operating	Service Buildings - Communication & Control	1973	620	2010	1.7%	\$2,279	\$13,588	\$13,061	\$8,832	\$9,166	\$9,395
CPP-649	Atmospheric Protection System	Operating	Service Buildings - Other Service	1976	6,100	2026	5.5%	\$199,431	\$133,690	\$128,499	\$86,900	\$90,184	\$92,434
CPP-651	Uninrad. Fuel Storage Facility	Operating	Storage Facilities - Special Nuclear Material Storage	1984	4,415	2010	0.0%	\$6,375	\$96,761	\$93,004	\$62,896	\$65,273	\$66,901
CPP-652	Cafeteria/Offices	Operating	Service Buildings - Cafeteria	1976	7,600	2029	8.7%	\$356,192	\$166,565	\$160,097	\$108,269	\$112,360	\$115,164
CPP-653	Waste Handling Facility	Operating	Production/Plant Buildings - Materials Handling or Pro	1977	4,830	2029	0.2%	\$5,715	\$105,856	\$101,746	\$68,808	\$71,408	\$73,190
CPP-654	Receiving Warehouse/Offices	Operating	Storage Facilities - Programmatic General Storage	1976	18,000	2014	0.4%	\$16,410	\$394,495	\$379,178	\$256,426	\$266,117	\$272,757
CPP-655	Craft Shop/Warehouse	Operating	Service Buildings - Building Trade & Maintenance	1977	16,000	2029	2.6%	\$263,490	\$360,663	\$337,047	\$227,935	\$236,548	\$242,450
CPP-656	Office Building	Operating	Office/Administrative Buildings - INTEC	1978	10,000	2011	0.1%	\$4,440	\$219,164	\$210,654	\$142,459	\$147,843	\$151,532
CPP-658	Instr. Bldg 4th Bin Set	Operating	Production/Plant Buildings - Nuclear Waste Processir	1980	60	2029	2.6%	\$6,000	\$1,315	\$1,264	\$855	\$887	\$909
CPP-659	New Waste Calcine Facility	Operating	Production/Plant Buildings - Nuclear Waste Processir	1981	77,000	2030	0.1%	\$390,180	\$1,687,564	\$1,622,039	\$1,096,935	\$1,138,368	\$1,166,793
CPP-660	Chem. & Haz. Matl. Storage	Operating	Storage Facilities - Hazardous/Flammable Storage	1979	6,100	2020	0.1%	\$7,215	\$133,690	\$128,499	\$86,900	\$90,184	\$92,434
CPP-661	Guardhouse & VMF-2	Operating	Service Buildings - Security Related	1986	375	2029	1.0%	\$1,437	\$8,219	\$7,900	\$5,342	\$5,544	\$5,682
CPP-662	Maintenance/Fab Shop	Operating	Service Buildings - Building Trade & Maintenance	1979	4,000	2029	0.3%	\$4,965	\$87,686	\$84,262	\$56,984	\$59,137	\$60,613
CPP-663	Maintenance/Crafts/Whse Bldg	Operating	Service Buildings - Building Trade & Maintenance	1980	68,200	2030	0.1%	\$60,239	\$1,494,699	\$1,436,663	\$971,571	\$1,008,287	\$1,033,445
CPP-664	QA Office Building	Operating	Service Buildings - Building Trade & Maintenance	1981	6,000	2004	0.4%	\$13,826	\$131,498	\$126,393	\$85,475	\$88,000	\$90,000
CPP-665	FPR Project Offices	Shutdown pending D&D	Excess - Excess to current needs	1980	19,200	2001	0.1%	\$0	\$19,200	\$19,200	\$19,200	\$19,200	\$19,200
CPP-666	FDP/FAST Facility	Operating	Storage Facilities - Special Nuclear Material Storage	1983	96,600	2012	0.5%	\$4,017,929	\$2,095,209	\$2,013,856	\$1,361,909	\$1,413,375	\$1,448,641
CPP-668	Engineering Support Offices	Operating	Office/Administrative Buildings - INTEC	1978	7,000	2011	0.3%	\$9,145	\$153,415	\$147,458	\$99,721	\$103,490	\$106,072
CPP-671	Service Building - 5th Bin Set	Operating	Service Buildings - Other Service	1981	300	2030	3.2%	\$5,457	\$6,575	\$6,320	\$4,274	\$4,435	\$4,546
CPP-672	Rad-Con Storage	Operating	Storage Facilities - General Storage	1981	1,000	2005	3.2%	\$5,893	\$21,916	\$21,065	\$14,246	\$14,784	\$15,000
CPP-673	Service Bldg, 6th Bin Set	Operating	Service Buildings - Other Service	1986	200	2024	3.4%	\$3,831	\$4,383	\$4,213	\$2,849	\$2,957	\$3,031
CPP-674	UREP Substation #40	Shutdown pending disposal	Excess - Excess to current needs	1983	455	2002	0.8%	\$0	\$455	\$455	\$455	\$455	\$455
CPP-675	UREP Substation #90	Shutdown pending disposal	Excess - Excess to current needs	1983	1,000	2002	0.5%	\$0	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
CPP-677	UREP Load Center #2	Operating	Service Buildings - Other Service	1983	610	2031	0.4%	\$474	\$13,369	\$12,850	\$8,690	\$9,018	\$9,243
CPP-679	Tent Fabrication Facility	Operating	Service Buildings - Building Trade & Maintenance	1983	1,500	2031	0.3%	\$2,628	\$32,875	\$31,598	\$21,369	\$22,176	\$22,730
CPP-682	S&H Emergency Equipment Shop	Operating	Storage Facilities - Programmatic General Storage	1982	1,500	2011	0.3%	\$828	\$32,875	\$31,598	\$21,369	\$22,176	\$22,730
CPP-684	Remote Analytical Lab	Operating	Laboratories - Restoration - Analytical	1985	12,000	2020	0.4%	\$81,231	\$262,997	\$252,785	\$170,951	\$177,411	\$181,838
CPP-685	Safeguard Data Acquisition	Operating	Service Buildings - Other Service	1981	150	2010	23.6%	\$29,989	\$3,287	\$3,160	\$2,137	\$2,218	\$2,273
CPP-687	Coal-Fired Boiler House	Shutdown pending disposal	Excess - Excess to current needs	1983	39,062	2000	4.8%	\$0	\$39,062	\$39,062	\$39,062	\$39,062	\$39,062
CPP-688	Coal Plant Unload Bldg	Shutdown pending disposal	Excess - Excess to current needs	1983	10,625	2000	2.2%	\$0	\$10,625	\$10,625	\$10,625	\$10,625	\$10,625
CPP-689	Coal Plant Guard House	Shutdown pending disposal	Excess - Excess to current needs	1983	100	2000	0.0%	\$0	\$100	\$100	\$100	\$100	\$100
CPP-690	Coal Plant Storage Bldg	Shutdown pending disposal	Excess - Excess to current needs	1983	1,300	2000	10.7%	\$0	\$1,300	\$1,300	\$1,300	\$1,300	\$1,300
CPP-691	Fuel Processing Restor. Fac.	Operating	Storage Facilities - General Storage	1992	160,000	2012	0.0%	\$0	\$3,506,626	\$3,370,470	\$2,279,346	\$2,365,482	\$2,424,504
CPP-692	Waste Stack Monitor System	Operating	Production/Plant Buildings - Materials Handling or Pro	1983	600	2025	0.2%	\$3,864	\$13,150	\$12,639	\$8,548	\$8,871	\$9,092
CPP-693	ICPP Warehouse	Operating	Storage Facilities - General Storage	1980	2,300	2004	1.6%	\$7,380	\$50,408	\$48,451	\$32,766	\$33,300	\$33,300
CPP-694	NWCF Organic Solvent Disposal	Operating	Storage Facilities - Hazardous/Flammable Storage	1982	850	2004	0.0%	\$4,500	\$18,629	\$17,906	\$12,109	\$12,500	\$12,500
CPP-695	Quality X-Ray Facility	Operating	Production/Plant Buildings - Materials Handling or Pro	1982	1,000	2004	0.5%	\$3,971	\$21,916	\$21,065	\$14,246	\$14,784	\$15,000
CPP-696	Coal Plant Offices	Shutdown pending disposal	Excess - Excess to current needs	1984	800	2000	0.9%	\$0	\$800	\$800	\$800	\$800	\$800

Building Number	Building Name	Operational Status	Infrastructure Long-Range Plan Use	Active Year	Area (sq ft)	End Use Year	FCI	FY 2003	FY 2003	FY 2003	FY 2004	FY 2005	FY 2006
								Deferred Maint.	Budgeted Maintenance Cost	Actual Maintenance Costs	Budgeted Maintenance Cost	Budgeted Maintenance Cost	Budgeted Maintenance Cost
CPP-697	East Guardhouse & VMF	Operating	Service Buildings - Security Related	1986	3,938	2029	1.4%	\$34,702	\$86,307	\$82,956	\$56,100	\$58,220	\$59,673
CPP-698	MK Offices/Warehouse	Operating	Office/Administrative Buildings - INTEC	1984	25,000	2019	0.1%	\$11,748	\$547,910	\$526,636	\$356,148	\$369,607	\$378,829
CPP-699	Training/Prod. Office Bldg.	Operating	Service Buildings - Classroom and Training	1985	11,200	2012	0.0%	\$14,678	\$245,464	\$235,933	\$159,554	\$165,584	\$169,715
CPP-T-1	Construction Mgmt Building	Shutdown pending D&D	Excess - Excess to current needs	1965	900	1996	0.0%	\$0	\$900	\$900	\$900	\$900	\$900
CPP-T-2	Temporary Storage Building	Operating	Storage Facilities - Programmatic General Storage	1980	200	2012	0.0%	\$0	\$4,383	\$4,213	\$2,849	\$2,957	\$3,031
CPP-T-3	Temporary Storage Building	Operating	Storage Facilities - Programmatic General Storage	1980	200	2012	0.0%	\$0	\$4,383	\$4,213	\$2,849	\$2,957	\$3,031
CPP-T-5	Temporary Office Building	Shutdown pending D&D	Excess - Excess to current needs	1965	900	1996	0.0%	\$0	\$900	\$900	\$900	\$900	\$900
CPP-TB-1	Carpenter Shop	Operating	Service Buildings - Building Trade & Maintenance	1980	900	2004	0.0%	\$0	\$19,725	\$18,959	\$12,821	\$900	\$900
CPP-TB-3	TB-3 FPR Eastside Guardhouse	Operational standby	Service Buildings - Security Related	1986	500	2010	0.0%	\$0	\$10,958	\$10,533	\$7,123	\$7,392	\$7,577
CPP-TB-4	MKCraft Lunch Room	Shutdown pending D&D	Excess - Excess to current needs	1977	4,800	2002	4.1%	\$0	\$4,800	\$4,800	\$4,800	\$4,800	\$4,800
CPP-TB-5	Unloading Station	Operating	Storage Facilities - Programmatic General Storage	1985	3,150	2011	0.0%	\$0	\$69,037	\$66,356	\$44,875	\$46,570	\$47,732
CPP-TB-6	Quality Office Building	Shutdown pending D&D	Excess - Excess to current needs	1981	1,116	1997	0.0%	\$0	\$1,116	\$1,116	\$1,116	\$1,116	\$1,116
CPP-TR-19	Office Trailer	Operational standby	Office/Administrative Buildings - INTEC	1974	300	2005	1.9%	\$1,720	\$6,575	\$6,320	\$4,274	\$4,435	\$900
CPP-TR-35	Office Trailer	Operating	Office/Administrative Buildings - INTEC	1991	1,960	2005	4.5%	\$36,630	\$42,956	\$41,288	\$27,922	\$28,977	\$1,960
CPP-TR-54	CONTROL TRAILER	Operating	Service Buildings - Other Service	2001	400	2012	#N/A	\$0	\$8,767	\$8,426	\$5,698	\$5,914	\$6,061
CPP-TR-56	TF Washdown Support Office	Operating	Service Buildings - Other Service	2001	320	2012	#N/A	\$0	\$7,013	\$6,741	\$4,559	\$4,731	\$4,849
CPP-TR-57	Rad-Con Trailer	Operating	Rad Con Trailer	2003	720	2060	#N/A	\$0	\$15,780	\$15,167	\$10,257	\$10,645	\$10,910
			<b>INTEC Totals</b>		<b>1,125,037</b>			<b>\$10,312,435</b>	<b>\$22,368,727</b>	<b>\$21,504,437</b>	<b>\$14,578,207</b>	<b>\$14,884,349</b>	<b>15,196,920</b>

### Site Maintenance Action Plan Table – PBF/WROC

Building Number	Building Name	Operational Status	Infrastructure Long-Range Plan Use	Active Year	Area (sq ft)	End Use Year	FCI	FY 2003	FY 2003	FY 2003	FY 2004	FY 2005	FY 2006
								Deferred Maint.	Budgeted Maintenance Cost	Actual Maintenance Costs	Budgeted Maintenance Cost	Budgeted Maintenance Cost	Budgeted Maintenance Cost
PBF-601	Control Building and Addition	Shutdown pending D&D	Excess - Excess to current needs	1956	8,048	2002	13.6%	\$0	\$8,048	\$8,048	\$8,048	\$8,048	\$8,048
PBF-602	No. 1 Well House	Operating	Service Buildings - Other Service	1956	356	2006	1.1%	\$765	\$5,147	\$4,777	\$6,079	\$6,978	\$8,541
PBF-604	Terminal Building	Shutdown pending transfer	Excess - Excess to current needs	1955	610	1992	0.0%	\$0	\$610	\$610	\$610	\$610	\$610
PBF-606	Instrument Cell	Shutdown pending transfer	Excess - Excess to current needs	1955	230	1992	0.4%	\$0	\$230	\$230	\$230	\$230	\$230
PBF-608	SPERT Substation Control House	Operating	Service Buildings - Other Service	1957	2,894	2010	1.3%	\$6,654	\$41,838	\$38,835	\$49,420	\$56,727	\$69,428
PBF-609	Wef Incinerator Building	Operating	Production/Plant Buildings - Materials Handling or Pro	1959	14,706	2013	1.8%	\$122,448	\$212,604	\$197,341	\$251,131	\$288,262	\$352,803
PBF-612	Waste Engineering/Dev. Fac.	Operating	Storage Facilities - General Storage	1960	7,937	2005	0.1%	\$1,944	\$114,745	\$106,507	\$135,538	\$155,579	\$7,937
PBF-613	Mixed Waste Storage Facility	Operating	Storage Facilities - Nuclear Contaminated Storage	1962	10,364	2003	0.4%	\$48,367	\$149,832	\$139,075	\$10,364	\$10,364	\$10,364
PBF-614	Pump House #2	Operating	Service Buildings - Other Service	1962	251	2006	1.3%	\$677	\$3,629	\$3,368	\$4,286	\$4,920	\$6,022
PBF-616	Storage Building	Shutdown pending D&D	Excess - Excess to current needs	1962	820	2002	0.0%	\$0	\$820	\$820	\$820	\$820	\$820
PBF-617	Storage Building	Shutdown pending D&D	Excess - Excess to current needs	1963	368	2002	0.2%	\$0	\$368	\$368	\$368	\$368	\$368
PBF-619	Control Building	Operating	Office/Administrative Buildings - WROC	1967	5,788	2006	0.2%	\$3,900	\$83,677	\$77,670	\$98,840	\$113,455	\$138,856
PBF-620	Reactor Building	Operating	Storage Facilities - Special Nuclear Material Storage	1970	18,902	2003	0.0%	\$0	\$273,265	\$253,647	\$18,902	\$18,902	\$18,902
PBF-621	Emergency Generator Building	Operating pending D&D	Service Buildings - Other Service	1970	320	2008	0.2%	\$150	\$4,626	\$4,294	\$5,465	\$6,273	\$7,677
PBF-622	WERF Compaction & Sizing Fac	Operating	Storage Facilities - General Storage	1989	5,075	2004	0.0%	\$0	\$73,369	\$68,102	\$86,664	\$5,075	\$5,075
PBF-623	WERF Waste Storage Building	Operating	Storage Facilities - Nuclear Contaminated Storage	1991	9,803	2003	0.0%	\$0	\$141,722	\$131,547	\$9,803	\$9,803	\$9,803
PBF-624	Auxiliary Building	Operating	-	1973	192	2004	2.4%	\$900	\$2,776	\$2,576	\$3,279	\$192	\$192
PBF-625	Maintenance & Storage Building	Operating	Storage Facilities - General Storage	1966	3,200	2008	0.5%	\$3,450	\$46,262	\$42,941	\$54,646	\$62,725	\$76,769
PBF-626	Storage Building	Shutdown pending D&D	Excess - Excess to current needs	1973	586	2002	0.0%	\$0	\$586	\$586	\$586	\$586	\$586
PBF-627	Gas Cylinder Storage	Operating	Storage Facilities - Hazardous/Flammable Storage	1966	130	2008	0.0%	\$0	\$1,879	\$1,744	\$2,220	\$2,548	\$3,119
PBF-629	Stack Gas Monitor Bldg	Operating	Service Buildings - Other Service	1981	90	2008	0.0%	\$0	\$1,301	\$1,208	\$1,537	\$1,764	\$2,159
PBF-632	WROC Support Building	Operating	Office/Administrative Buildings - WROC	1981	8,050	2007	19.1%	\$524,127	\$116,378	\$108,023	\$137,468	\$157,794	\$193,123
PBF-634	Fire Water Pump House	Operating	Service Buildings - Other Service	1983	750	2004	1.3%	\$1,950	\$10,843	\$10,064	\$12,808	\$750	\$750
PBF-635	WERF Auxiliary Building	Shutdown pending transfer	Excess - Excess to current needs	1982	3,424	2002	0.0%	\$0	\$3,424	\$3,424	\$3,424	\$3,424	\$3,424
PBF-638	Water Pumphouse	Operating	Service Buildings - Other Service	1994	2,508	2007	1.9%	\$10,267	\$36,258	\$33,655	\$42,828	\$49,161	\$60,168
PBF-641	WROC Oper. Support Building	Operating	Office/Administrative Buildings - WROC	1993	6,775	2003	5.6%	\$0	\$97,946	\$90,914	\$6,775	\$6,775	\$6,775
			<b>PBF Totals</b>		<b>112,177</b>			<b>\$725,599</b>	<b>\$1,432,183</b>	<b>\$1,330,375</b>	<b>\$952,138</b>	<b>\$972,133</b>	<b>992,548</b>

### Site Maintenance Action Plan Table – RWMC

Building Number	Building Name	Operational Status	Infrastructure Long-Range Plan Use	Active Year	Area (sq ft)	End Use Year	FCI	FY 2003	FY 2003	FY 2003	FY 2004	FY 2005	FY 2006
								Deferred Maint.	Budgeted Maintenance Cost	Actual Maintenance Costs	Budgeted Maintenance Cost	Budgeted Maintenance Cost	Budgeted Maintenance Cost
WMF-601	Radcon Field Office	Operating	Office/Administrative Buildings - RWMC	1976	3,280	2015	0.5%	\$5,418	\$114,890	\$107,344	\$60,661	\$61,935	\$63,235
WMF-602	Rwmc High Bay	Operating	Storage Facilities - Programmatic General Storage	1974	2,389	2020	1.6%	\$8,265	\$83,681	\$78,184	\$44,182	\$45,110	\$46,058
WMF-603	Pumphouse	Operating	Service Buildings - Other Service	1977	1,387	2015	0.7%	\$2,112	\$48,583	\$45,392	\$25,651	\$26,190	\$26,740
WMF-604	Change House & Lunch Room	Operating	Service Buildings - Other Service	1977	1,083	2015	2.6%	\$12,857	\$37,935	\$35,443	\$20,029	\$20,450	\$20,879
WMF-605	Well House 87	Operating	Service Buildings - Other Service	1979	36	2030	4.2%	\$306	\$1,261	\$1,178	\$666	\$680	\$694
WMF-609	Heavy Equip. Storage Shed	Operating	Storage Facilities - Shed Storage	1979	11,166	2015	0.0%	\$0	\$391,118	\$365,427	\$206,505	\$210,842	\$215,270
WMF-610	Swepp Building	Operating	Production/Plant Buildings - Nuclear Waste Processir	1985	11,591	2012	0.0%	\$0	\$0	\$0	\$0	\$0	\$0
WMF-611	Operations Support Facility	Operating	Office/Administrative Buildings - RWMC	1982	400	2015	3.5%	\$4,592	\$14,011	\$13,091	\$7,398	\$7,553	\$7,712
WMF-613	Wmf Office Bldg & Operational	Operating	Office/Administrative Buildings - RWMC	1986	7,360	2015	0.3%	\$0	\$0	\$0	\$0	\$0	\$0
WMF-614	Propane Vaporizer Housing	Operating	Service Buildings - Other Service	1985	238	2012	3.4%	\$0	\$0	\$0	\$0	\$0	\$0
WMF-615	SWEPP Drum Venting System Bldg	Operating	Storage Facilities - Nuclear Contaminated Storage	1986	1,320	2012	0.0%	\$0	\$0	\$0	\$0	\$0	\$0
WMF-617	SWEPP Maintenance Facility	Operating	Service Buildings - Building Trade & Maintenance	1987	1,500	2012	0.2%	\$0	\$0	\$0	\$0	\$0	\$0
WMF-618	Trupect II Loading Facility	Operating	Production/Plant Buildings - Nuclear Waste Processir	1988	4,000	2012	0.0%	\$0	\$0	\$0	\$0	\$0	\$0
WMF-619	Communication Building	Operating	Service Buildings - Communication & Control	1989	400	2015	0.0%	\$0	\$14,011	\$13,091	\$7,398	\$7,553	\$7,712
WMF-620	Work Control Center, Trailer	Operating	Office/Administrative Buildings - RWMC	1988	1,456	2015	2.3%	\$13,604	\$51,000	\$47,650	\$26,927	\$27,493	\$28,070
WMF-621	Work Control Support, Trailer	Operating	Office/Administrative Buildings - RWMC	1988	1,456	2015	2.9%	\$14,388	\$51,000	\$47,650	\$26,927	\$27,493	\$28,070
WMF-622	Office Annex, Trailer	Operating	Office/Administrative Buildings - RWMC	1985	1,456	2015	0.2%	\$1,102	\$51,000	\$47,650	\$26,927	\$27,493	\$28,070
WMF-624	Fire Riser Enclosure	Operating	Service Buildings - Other Service	1995	64	2012	0.0%	\$0	\$0	\$0	\$0	\$0	\$0
WMF-627	Propane Pump Enclosure	Operating	Service Buildings - Other Service	1995	148	2012	0.0%	\$0	\$0	\$0	\$0	\$0	\$0
WMF-628	Type II Storage Module #1	Operating	Storage Facilities - Nuclear Contaminated Storage	1993	28,800	2015	0.0%	\$459	\$1,008,794	\$942,531	\$532,631	\$543,816	\$555,236
WMF-629	Type II Storage Module #2	Operating	Storage Facilities - Nuclear Contaminated Storage	1994	28,800	2012	0.0%	\$0	\$0	\$0	\$0	\$0	\$0
WMF-630	Type II Storage Module #3	Operating	Storage Facilities - Nuclear Contaminated Storage	1995	28,800	2012	0.0%	\$0	\$0	\$0	\$0	\$0	\$0
WMF-631	Type II Storage Module #4	Operating	Storage Facilities - Nuclear Contaminated Storage	1995	28,800	2012	0.0%	\$0	\$0	\$0	\$0	\$0	\$0
WMF-632	Type II Storage Module #5	Operating	Storage Facilities - Nuclear Contaminated Storage	1995	28,800	2012	0.0%	\$0	\$0	\$0	\$0	\$0	\$0
WMF-633	Type II Storage Module #6	Operating	Storage Facilities - Nuclear Contaminated Storage	1995	28,800	2012	0.0%	\$0	\$0	\$0	\$0	\$0	\$0
WMF-634	Type II Storage Module #7	Operating	Storage Facilities - Nuclear Contaminated Storage	1995	28,800	2001	0.0%	\$0	\$0	\$0	\$0	\$0	\$0
WMF-635	Type I Storage Module	Operating	Storage Facilities - Nuclear Contaminated Storage	1995	40,746	2012	0.0%	\$0	\$0	\$0	\$0	\$0	\$0
WMF-636	TSA Retrieval Enclosure	Operating	Storage Facilities - Nuclear Contaminated Storage	1996	314,000	2001	0.0%	\$0	\$0	\$0	\$0	\$0	\$0
WMF-637	Operations Control Building	Operating	Office/Administrative Buildings - RWMC	1995	24,093	2015	0.1%	\$9,184	\$843,919	\$768,486	\$445,579	\$454,936	\$464,490
WMF-639	Firewater Pumphouse #2	Operating	Service Buildings - Other Service	1995	1,787	2015	1.5%	\$6,122	\$62,594	\$58,483	\$33,049	\$33,743	\$34,452
WMF-641	Vapor Vacuum Extract Mon Well	Operating	Service Buildings - Other Service	1990	16	2030	0.0%	\$0	\$560	\$524	\$296	\$302	\$308
WMF-642	Vapor Vacuum Extract. Mon Well	Operating	Service Buildings - Other Service	1990	16	2030	0.0%	\$0	\$560	\$524	\$296	\$302	\$308
WMF-643	Vapor Vacuum Extract Mon Well	Operating	Service Buildings - Other Service	1990	16	2030	0.0%	\$0	\$560	\$524	\$296	\$302	\$308
WMF-645	Construction Support Trailer	Operating	Office/Administrative Buildings - RWMC	1991	1,549	2015	0.7%	\$3,885	\$54,258	\$50,694	\$28,647	\$29,249	\$29,863
WMF-646	Field Support Trailer	Operating	Office/Administrative Buildings - RWMC	1991	1,549	2015	1.9%	\$10,102	\$54,258	\$50,694	\$28,647	\$29,249	\$29,863
WMF-648	ILTSF, Trailer	Operating	Service Buildings - Other Service	1993	220	2015	0.0%	\$0	\$7,706	\$7,200	\$4,069	\$4,154	\$4,241
WMF-649	Vve Monitoring Well #9301	Operating	Service Buildings - Other Service	1993	16	2015	0.0%	\$0	\$560	\$524	\$296	\$302	\$308
WMF-650	Vve Monitoring Well #9302	Operating	Service Buildings - Other Service	1993	16	2015	0.0%	\$0	\$560	\$524	\$296	\$302	\$308
WMF-653	Office Annex #2, Trailer	Operating	Office/Administrative Buildings - RWMC	1993	1,454	2015	0.0%	\$0	\$50,930	\$47,585	\$26,899	\$27,455	\$28,032
WMF-655	Material Handling Facility	Operating	Storage Facilities - General Storage	1995	5,483	2015	0.0%	\$0	\$192,056	\$179,441	\$101,403	\$103,533	\$105,707
WMF-656	Maintenance Facility	Operating	Service Buildings - Building Trade & Maintenance	1995	5,000	2015	0.1%	\$3,827	\$175,138	\$163,634	\$92,471	\$94,412	\$96,395
WMF-657	Const Field Support, Trailer	Operating	Office/Administrative Buildings - RWMC	1960	1,568	2015	0.5%	\$2,449	\$54,923	\$51,316	\$28,999	\$29,608	\$30,230
WMF-658	RWMC Office	Operating	Office/Administrative Buildings - RWMC	1995	4,560	2015	0.3%	\$4,668	\$159,726	\$149,234	\$84,333	\$86,104	\$87,912
WMF-660	Automatic Transfer Switch Bldg	Operating	Service Buildings - Other Service	1995	106	2012	#N/A	\$0	\$0	\$0	\$0	\$0	\$0
WMF-661	Hazardous Material Storage	Operating	Storage Facilities - Hazardous/Flammable Storage	1996	128	2015	#N/A	\$0	\$4,484	\$4,189	\$2,367	\$2,417	\$2,468
WMF-676	Advanced Mixed Waste Treatment Fa	Operating	Production/Plant Buildings - Nuclear Waste Processir	2002	126,796	2012	#N/A	\$0	\$0	\$0	\$0	\$0	\$0
WMF-685	Access Trailer	Operating	Service Buildings - Security Related	2000	160	2012	#N/A	\$0	\$0	\$0	\$0	\$0	\$0
WMF-686	AMWTP SHOWER TRAILER	Operating	Service Buildings - Other Service	2002	1,600	2012	#N/A	\$0	\$0	\$0	\$0	\$0	\$0
<b>RWMC Totals</b>					<b>783,209</b>			<b>\$103,340</b>	<b>\$3,530,077</b>	<b>\$3,298,205</b>	<b>\$1,863,838</b>	<b>\$1,902,978</b>	<b>1,942,941</b>

## Site Maintenance Action Plan Table – TAN

Building Number	Building Name	Operational Status	Infrastructure Long-Range Plan Use	Active Year	Area (sq ft)	End Use Year	FCI	FY 2003	FY 2003	FY 2003	FY 2004	FY 2005	FY 2006
								Deferred Maint.	Budgeted Maintenance Cost	Actual Maintenance Costs	Budgeted Maintenance Cost	Budgeted Maintenance Cost	Budgeted Maintenance Cost
TAN-1601	Lumber Storage Bldg	Operational standby	Excess - Excess to current needs	1994	560	2003	0.5%	\$0	\$6,538	\$4,742	\$560	\$560	\$560
TAN-1610	Hazardous Material Storage Bldg	Shutdown pending D&D	Excess - Excess to current needs	1999	150	2001	0.0%	\$0	\$150	\$150	\$150	\$150	\$150
TAN-1611	Pump and Treatment Facility	Operating	Service Buildings - Other Service	2000	1,500	2025	0.0%	#REF!	\$17,512	\$12,702	\$10,094	\$16,161	\$16,691
TAN-1612	Fire Water Pump House	Operating	Service Buildings - Other Service	2000	120	2020	0.0%	\$0	\$1,401	\$1,016	\$808	\$1,293	\$1,335
TAN-1613	Chemical Storage Building	Operating	Storage Facilities - Hazardous/Flammable Storage	2002	400	2015	0.0%	#REF!	\$4,670	\$3,387	\$2,692	\$4,310	\$4,451
TAN-601	Guard House	Operating	Service Buildings - Security Related	1954	2,918	2015	9.1%	\$91,950	\$34,066	\$24,710	\$19,636	\$31,439	\$32,470
TAN-602	Administration Bldg.	Shutdown pending D&D	Excess - Excess to current needs	1954	47,803	1995	1.1%	\$0	\$47,803	\$47,803	\$47,803	\$47,803	\$47,803
TAN-603	Service Bldg/Steam Plant	Operating	Service Buildings - Other Service	1954	11,683	2004	1.3%	\$34,833	\$136,392	\$98,934	\$78,617	\$11,683	\$11,683
TAN-604	Misc. Laboratory Facility	Operating	Laboratories - R&D - Basic Science Research	1954	12,364	2004	5258991.3%	\$158,010	\$144,343	\$104,700	\$83,200	\$12,364	\$12,364
TAN-605	Substation Control House	Operating	Service Buildings - Other Service	1954	1,520	2020	1.0%	\$8,939	\$17,745	\$12,872	\$10,228	\$16,377	\$16,914
TAN-606	Maintenance Building	Shutdown pending D&D	Excess - Excess to current needs	1954	5,752	2002	0.0%	\$0	\$5,752	\$5,752	\$5,752	\$5,752	\$5,752
TAN-607	Hot Shop/Manufacturing & Asmby	Operating	Storage Facilities - Nuclear Contaminated Storage	1954	150,701	2004	0.9%	\$1,801,368	\$1,759,349	\$1,276,160	\$1,014,096	\$150,701	\$150,701
TAN-608	Water Filtration Building	Operating	Service Buildings - Other Service	1954	334	2005	11.1%	\$6,973	\$3,899	\$2,828	\$2,248	\$3,599	\$334
TAN-609	Equip Maintenance Shop	D&D in progress	Excess - Excess to current needs	1954	2,894	1995	#N/A	\$0	\$2,894	\$2,894	\$2,894	\$2,894	\$2,894
TAN-610	Firewater Pump House	Operating	Service Buildings - Other Service	1954	1,382	2010	3.1%	\$22,817	\$16,134	\$11,703	\$9,300	\$14,890	\$15,378
TAN-611	Fuel Pump House	Operating	Service Buildings - Other Service	1954	419	2004	9.2%	\$6,954	\$4,892	\$3,548	\$2,820	\$419	\$419
TAN-612	Deepwell Pump House #1	Operating	Service Buildings - Other Service	1954	208	2010	14.1%	\$5,400	\$2,428	\$1,761	\$1,400	\$2,241	\$2,315
TAN-613	Deepwell Pump House #2	Operating	Service Buildings - Other Service	1954	208	2005	14.1%	\$5,400	\$2,428	\$1,761	\$1,400	\$2,241	\$2,08
TAN-614	Water Pump House	Operating	Service Buildings - Other Service	1956	1,011	2018	0.7%	\$1,284	\$11,803	\$8,561	\$6,803	\$10,893	\$11,258
TAN-616	Liquid Waste Treatment	D&D in progress	Excess - Excess to current needs	1954	2,958	1980	#N/A	\$0	\$2,958	\$2,958	\$2,958	\$2,958	\$2,958
TAN-618	Data Collection Bldg	Operating	Service Buildings - Other Service	1985	134	2004	0.8%	\$306	\$1,564	\$1,135	\$902	\$134	\$134
TAN-623	Sewage Pump House	Operating	Production/Plant Buildings - Materials Handling or Pro	1954	108	2004	0.6%	\$300	\$1,261	\$915	\$727	\$108	\$108
TAN-624	Containment Building	Shutdown pending D&D	Excess - Excess to current needs	1956	3,036	1986	0.5%	\$6,196	\$3,036	\$3,036	\$3,036	\$3,036	\$3,036
TAN-628	Warehouse	Operating	Production/Plant Buildings - Materials Handling or Pro	1956	19,549	2006	0.5%	\$16,407	\$228,224	\$165,544	\$131,549	\$210,625	\$217,533
TAN-629	SMC Assembly Building	Operating	Production/Plant Buildings - Assembly	1959	82,865	2015	2.2%	\$900,000	\$967,402	\$701,714	\$557,614	\$892,804	\$922,087
TAN-630	Control & Equipment Bldg	Shutdown pending D&D	Excess - Excess to current needs	1959	22,354	1986	0.0%	\$0	\$22,354	\$22,354	\$22,354	\$22,354	\$22,354
TAN-631	Tank Building	Shutdown pending D&D	Excess - Excess to current needs	1959	1,625	1986	0.0%	\$0	\$1,625	\$1,625	\$1,625	\$1,625	\$1,625
TAN-632	Pump House Well #1	Operating	Service Buildings - Other Service	1954	321	2015	11.5%	\$6,780	\$3,747	\$2,718	\$2,160	\$3,459	\$3,572
TAN-633	Hot Cell Annex	Operational standby	Excess - Excess to current needs	1954	3,296	1995	0.1%	\$6,830	\$3,296	\$3,296	\$3,296	\$3,296	\$3,296
TAN-635	H&V 10 (So. CAM) Bldg.	Shutdown pending D&D	Excess - Excess to current needs	1979	192	1986	0.0%	\$0	\$192	\$192	\$192	\$192	\$192
TAN-636	Carpentry & Paint Shop	Operating	Service Buildings - Building Trade & Maintenance	1967	2,331	2005	1.1%	\$13,162	\$27,213	\$19,739	\$15,686	\$25,115	\$23,311
TAN-637	Compressor Bldg.	Shutdown pending D&D	Excess - Excess to current needs	1958	87	1995	0.0%	\$0	\$87	\$87	\$87	\$87	\$87
TAN-639	Pump House Well #2	Operating	Service Buildings - Other Service	1954	94	2015	18.9%	\$3,270	\$1,097	\$796	\$633	\$1,013	\$1,046
TAN-640	Assly & Test Building	Shutdown pending D&D	Excess - Excess to current needs	1958	3,345	2001	9.3%	\$0	\$3,345	\$3,345	\$3,345	\$3,345	\$3,345
TAN-641	Control And Equip Bldg.	Shutdown pending D&D	Excess - Excess to current needs	1958	14,675	2001	7.9%	\$0	\$14,675	\$14,675	\$14,675	\$14,675	\$14,675
TAN-642	Guard House	Shutdown pending D&D	Excess - Excess to current needs	1957	128	2002	42.7%	\$0	\$128	\$128	\$128	\$128	\$128
TAN-643	Chlorination Bldg.	Shutdown pending D&D	Excess - Excess to current needs	1957	64	1990	2.6%	\$0	\$64	\$64	\$64	\$64	\$64
TAN-644	Deepwell Pump House	Shutdown pending D&D	Excess - Excess to current needs	1957	311	2001	18.5%	\$0	\$311	\$311	\$311	\$311	\$311
TAN-645	Control & Administration Bld.	Shutdown pending D&D	Excess - Excess to current needs	1960	8,146	2002	7.7%	\$0	\$8,146	\$8,146	\$8,146	\$8,146	\$8,146
TAN-646	Assembly & Test Building	Shutdown pending D&D	Excess - Excess to current needs	1965	16,870	2002	2.7%	\$0	\$16,870	\$16,870	\$16,870	\$16,870	\$16,870
TAN-647	Contaminated Storage Bldg	Operating	Storage Facilities - Nuclear Contaminated Storage	1960	5,274	2004	0.1%	\$4,286	\$61,571	\$44,661	\$35,490	\$5,274	\$5,274
TAN-648	Storage Building	Operating	Storage Facilities - Nuclear Contaminated Storage	1960	6,682	2003	0.0%	\$612	\$78,009	\$56,584	\$6,682	\$6,682	\$6,682
TAN-649	Water Filtration Building	Operating	Production/Plant Buildings - Nuclear Waste Processin	1956	210	2005	0.0%	\$0	\$2,452	\$1,778	\$1,413	\$2,263	\$210
TAN-650	Containment Service Building	Operational standby	Excess - Excess to current needs	1973	34,666	2001	25.5%	\$2,723,524	\$34,666	\$34,666	\$34,666	\$34,666	\$34,666
TAN-651	Heat Stress Relief Str.	Shutdown pending D&D	Excess - Excess to current needs	1969	816	1986	0.0%	\$0	\$816	\$816	\$816	\$816	\$816
TAN-652	Fire Protection Pump House	Shutdown pending D&D	Excess - Excess to current needs	1965	676	2001	9.1%	\$0	\$676	\$676	\$676	\$676	\$676
TAN-653	Multi Craft Shop	Operating	Office/Administrative Buildings - TAN	1985	9,285	2004	2019442.8%	\$70,270	\$108,397	\$78,627	\$62,481	\$9,285	\$9,285
TAN-654	Metal Storage Building	Shutdown pending D&D	Excess - Excess to current needs	1986	263	2002	0.0%	\$0	\$263	\$263	\$263	\$263	\$263
TAN-655	Liquid Waste Lift Station	Operating	Production/Plant Buildings - Production/Manufacturing	1972	225	2003	5.9%	\$6,582	\$2,627	\$1,905	\$225	\$225	\$225
TAN-657	Heat Stress Control Bldg	Shutdown pending D&D	Excess - Excess to current needs	1969	372	1986	0.0%	\$0	\$372	\$372	\$372	\$372	\$372
TAN-658	Storage Bldg	Operating	Storage Facilities - General Storage	1962	6,154	2004	0.1%	\$765	\$71,844	\$52,113	\$41,411	\$6,154	\$6,154
TAN-659	Control Building	Shutdown pending D&D	Excess - Excess to current needs	1976	128	1986	0.8%	\$0	\$128	\$128	\$128	\$128	\$128
TAN-662	Gas Cylinder & Oil Storage	Operating	Storage Facilities - Hazardous/Flammable Storage	1978	313	2004	0.0%	\$0	\$3,654	\$2,651	\$2,106	\$313	\$313
TAN-663	H&V 10 (N Cam)	Shutdown pending D&D	Excess - Excess to current needs	1979	63	1986	0.0%	\$0	\$63	\$63	\$63	\$63	\$63
TAN-664	Automotive Service Attendant	Operating	Service Buildings - Other Service	1954	144	2004	2.8%	\$2,279	\$1,681	\$1,219	\$969	\$144	\$144
TAN-665	Firewater Pump house	Operating	Service Buildings - Other Service	1980	846	2018	2.2%	\$3,780	\$9,877	\$7,164	\$5,693	\$9,115	\$9,414
TAN-666	Rad. Liq. Wst. Tnsfr. & Stg.	Operating	Production/Plant Buildings - Nuclear Waste Processin	1980	1,599	2004	0.1%	\$3,750	\$18,667	\$13,541	\$10,760	\$1,599	\$1,599
TAN-667	Small Machine Shop	Operating	Storage Facilities - General Storage	1983	1,860	2003	2.2%	\$0	\$21,714	\$15,751	\$11,860	\$1,860	\$1,860
TAN-668	Heavy Equipment Cleaning	Operating	Service Buildings - Other Service	1985	2,760	2004	0.4%	\$1,867	\$32,221	\$23,372	\$18,573	\$2,760	\$2,760
TAN-670	Chlorine Treatment Bldg	Shutdown pending D&D	Excess - Excess to current needs	1954	48	1995	0.0%	\$0	\$48	\$48	\$48	\$48	\$48
TAN-671	Office Trailer South	Operating	Office/Administrative Buildings - TAN	1979	1,568	2015	6.8%	\$36,555	\$18,306	\$13,278	\$10,551	\$16,894	\$17,448
TAN-672	Office Trailer North	Operating	Office/Administrative Buildings - TAN	1979	1,568	2015	2.1%	\$11,476	\$18,306	\$13,278	\$10,551	\$16,894	\$17,448
TAN-675	Phase 1 Utility Building (Off)	Operating	Office/Administrative Buildings - TAN	1984	20,683	2015	0.0%	\$0	\$241,462	\$175,147	\$139,180	\$222,843	\$230,152
TAN-676	Security Guard Bldg	Operating	Service Buildings - Security Related	1988	2,257	2015	0.0%	\$217	\$26,349	\$19,113	\$15,188	\$24,317	\$25,115
TAN-677	Truck Docking Bldg.	Operating	Production/Plant Buildings - Materials Handling or Pro	1984	13,790	2015	0.0%	\$0	\$160,990	\$116,776	\$92,796	\$148,576	\$153,449
TAN-678	Cafeteria #2	Operating	Service Buildings - Cafeteria	1988	7,630	2015	15.8%	\$555,020	\$89,076	\$64,612	\$51,344	\$82,207	\$84,903
TAN-679	Manufacturing & Ass.	Operating	Production/Plant Buildings - Assembly	1986	56,574	2015	4.5%	\$1,227,090	\$660,470	\$479,078	\$380,697	\$609,539	\$629,532
TAN-679A	Manufac. & Assem. Bldg.Addi.	Operating	Production/Plant Buildings - Production/Manufacturing	2001	25,000	2015	0.0%	#REF!	\$291,861	\$211,704	\$168,230	\$269,355	\$278,189

Building Number	Building Name	Operational Status	Infrastructure Long-Range Plan Use	Active Year	Area (sq ft)	End Use Year	FCI	FY 2003 Deferred Maint.	FY 2003 Budgeted Maintenance Cost	FY 2003 Actual Maintenance Costs	FY 2004 Budgeted Maintenance Cost	FY 2005 Budgeted Maintenance Cost	FY 2006 Budgeted Maintenance Cost
TAN-680	Bus Fuel Pump Station	Operating	Service Buildings - Vehicle Repair	1985	54	2015	7.6%	\$2,115	\$630	\$457	\$363	\$582	\$601
TAN-681	Waste Treatment Bldg	Operating	Production/Plant Buildings - Nuclear Waste Processir	1986	12,619	2015	0.0%	\$0	\$147,320	\$106,860	\$84,916	\$136,960	\$140,419
TAN-682	Storage Building	Operating	Storage Facilities - Programmatic General Storage	1986	20,064	2015	0.1%	\$1,995	\$234,236	\$169,905	\$136,014	\$216,173	\$223,264
TAN-686	Office Trailer	Operating	Office/Administrative Buildings - TAN	1985	3,000	2004	0.8%	\$7,552	\$35,023	\$25,404	\$20,188	\$3,000	\$3,000
TAN-687	Fire Station	Operating	Service Buildings - Fire Station	1990	9,351	2020	0.4%	\$12,095	\$109,168	\$79,186	\$62,925	\$100,749	\$104,054
TAN-688	Warehouse	Operating	Storage Facilities - Programmatic General Storage	1988	20,000	2015	0.0%	\$0	\$233,489	\$169,363	\$134,584	\$215,484	\$222,552
TAN-690	Oil Storage Facility	Operating	Storage Facilities - Hazardous/Flammable Storage	1990	1,200	2015	0.0%	\$0	\$14,009	\$10,162	\$8,075	\$12,929	\$13,353
TAN-692	Waste Storage Building SMC	Operating	Storage Facilities - Hazardous/Flammable Storage	1985	900	2015	0.0%	\$0	\$10,507	\$7,621	\$6,056	\$9,697	\$10,015
TAN-693	Paint Shop Building SMC	Operating	Service Buildings - Building Trade & Maintenance	1991	130	2015	0.0%	\$0	\$1,518	\$1,101	\$875	\$1,401	\$1,447
TAN-694	Tank Storage Building	Operating	Production/Plant Buildings - Nuclear Waste Processir	1985	597	2004	0.0%	\$0	\$6,970	\$5,055	\$4,017	\$597	\$597
TAN-695	Hazardous Materials Storage	Operating	Storage Facilities - Hazardous/Flammable Storage	1993	432	2004	0.0%	\$0	\$5,043	\$3,658	\$2,907	\$432	\$432
			<b>TAN Totals</b>		<b>694,217</b>			<b>\$7,769,008</b>	<b>\$6,282,274</b>	<b>\$4,603,792</b>	<b>\$3,640,006</b>	<b>\$3,716,447</b>	<b>3,794,492</b>

## Site Maintenance Action Plan Table – TRA

Building Number	Building Name	Operational Status	Infrastructure Long-Range Plan Use	Active Year	Area (sq ft)	End Use Year	FCI	FY 2003	FY 2003	FY 2003	FY 2004	FY 2005	FY 2006
								Deferred Maintenance	Budgeted Maintenance	Actual Maintenance	Budgeted Maintenance	Budgeted Maintenance	Budgeted Maintenance
								Cost	Cost	Costs	Cost	Cost	Cost
TRA-601	Deepwell Pumphouse #1	Operating	Service Buildings - Other Service	1952	280	2015	3.0%	\$4,378	\$1,923	\$1,809	\$1,798	\$1,826	\$1,896
TRA-602	Deepwell Pumphouse #2	Operating	Service Buildings - Other Service	1952	489	2010	2.3%	\$2,090	\$3,359	\$3,160	\$3,122	\$3,190	\$3,312
TRA-603	Material Test Reactor Bldg.	Operating	Laboratories - R&D - Technology Development & Dem	1952	45,184	2010	0.6%	\$245,625	\$310,355	\$291,999	\$288,487	\$294,726	\$305,992
TRA-604	MTR Building Wing A	Operating	Laboratories - R&D - Analytical	1952	41,744	2012	4.1%	\$2,568,039	\$286,726	\$269,768	\$266,524	\$272,267	\$282,696
TRA-605	Process Water Building	Operating	Production/Plant Buildings - Nuclear Waste Processir	1952	22,040	2015	0.0%	\$6,970	\$151,386	\$142,432	\$140,719	\$142,782	\$149,258
TRA-607	Carpenters Shop	Operating	Service Buildings - Building Trade & Maintenance	1952	2,433	2012	0.5%	\$7,036	\$16,712	\$15,723	\$15,534	\$15,870	\$16,477
TRA-608	Deminerizer Building	Operating	Service Buildings - Other Service	1952	4,160	2015	9.3%	\$82,227	\$28,574	\$26,884	\$26,560	\$27,135	\$28,172
TRA-609	Compressor Bldg. (Steam Plant)	Operating	Service Buildings - Other Service	1952	9,248	2015	27.8%	\$683,190	\$63,522	\$59,765	\$59,046	\$60,323	\$62,629
TRA-610	MTR Fan House	Operating	Storage Facilities - Programmatic General Storage	1952	3,216	2012	7.8%	\$61,399	\$22,090	\$20,783	\$20,533	\$20,977	\$21,779
TRA-611	Plug Storage Building	Shutdown pending D&D	Excess - Excess to current needs	1952	100	1973	0.0%	\$0	\$100	\$100	\$100	\$100	\$100
TRA-612	Retention Sump Pumphouse	Shutdown pending transfer	Excess - Excess to current needs	1952	225	1993	0.1%	\$306	\$225	\$225	\$225	\$225	\$225
TRA-613A	Hot Waste Pump Pit	Shutdown pending transfer	Excess - Excess to current needs	1996	310	2001	0.1%	\$625	\$310	\$310	\$310	\$310	\$310
TRA-613B	Hot Waste Pump Pit	Shutdown pending transfer	Excess - Excess to current needs	1996	210	2001	0.0%	\$0	\$210	\$210	\$210	\$210	\$210
TRA-614	Office Building/Bunk House	Operating	Office/Administrative Buildings - TRA	1952	6,200	2006	5.2%	\$127,150	\$42,586	\$40,067	\$39,585	\$40,441	\$41,987
TRA-615	Meteorological Inst Bldg	Shutdown pending D&D	Excess - Excess to current needs	1970	36	2002	0.0%	\$0	\$36	\$36	\$36	\$36	\$36
TRA-616	Cafeteria	Operating	Service Buildings - Cafeteria	1952	4,197	2006	6.2%	\$123,525	\$28,828	\$27,123	\$26,797	\$27,376	\$28,423
TRA-618	Warehouse	Shutdown pending transfer	Excess - Excess to current needs	1952	14,975	2000	0.0%	\$0	\$14,975	\$14,975	\$14,975	\$14,975	\$14,975
TRA-619	Raw Water Pumphouse	Operating	Service Buildings - Other Service	1952	2,572	2060	1.2%	\$25,309	\$17,866	\$16,621	\$16,422	\$16,777	\$17,418
TRA-620	Office Building	Operating	Office/Administrative Buildings - TRA	1952	1,888	2008	5.5%	\$40,028	\$12,968	\$12,201	\$12,054	\$12,315	\$12,786
TRA-621	Nuclear Material Insp. Storage	Operating	Storage Facilities - Special Nuclear Material Storage	1982	7,116	2060	0.2%	\$16,728	\$48,878	\$45,987	\$45,434	\$46,416	\$48,190
TRA-622	Cold Waste Handling Facility	Operating	Production/Plant Buildings - Materials Handling or Pro	1952	1,338	2012	5.1%	\$37,839	\$9,190	\$8,647	\$8,543	\$8,727	\$9,061
TRA-623	Substation Control Building	Operating	Service Buildings - Other Service	1952	1,823	2060	2.4%	\$10,945	\$12,522	\$11,781	\$11,639	\$11,891	\$12,346
TRA-624	Sewage Treatment Building	Shutdown pending transfer	Excess - Excess to current needs	1952	111	1996	0.0%	\$0	\$111	\$111	\$111	\$111	\$111
TRA-625	Maintenance Support Bldg	Operating	Service Buildings - Building Trade & Maintenance	1981	7,883	2060	0.7%	\$36,595	\$52,772	\$49,651	\$49,054	\$50,115	\$52,030
TRA-626	Maintenance Storage Building	Operating	Storage Facilities - Shed Storage	1952	1,472	2006	0.2%	\$9,669	\$10,111	\$9,513	\$9,398	\$9,602	\$9,969
TRA-627	Fuel Oil Pumphouse	Operating	Service Buildings - Other Service	1952	701	2060	3.1%	\$12,134	\$4,815	\$4,530	\$4,762	\$4,572	\$4,747
TRA-628	TRA Office Building #1	Operating	Office/Administrative Buildings - TRA	1986	13,013	2008	0.4%	\$16,071	\$89,382	\$84,096	\$83,084	\$84,881	\$88,126
TRA-629	Gas Cylinder Storage Bldg	Operating	Service Buildings - Other Service	1956	710	2060	0.0%	\$0	\$4,877	\$4,588	\$4,533	\$4,631	\$4,808
TRA-630	Catch Tank Pumphouse	Shutdown pending D&D	Excess - Excess to current needs	1996	396	2001	0.0%	\$300	\$396	\$396	\$396	\$396	\$396
TRA-631	Acid Pumphouse	Shutdown pending D&D	Excess - Excess to current needs	1952	336	1996	0.0%	\$0	\$336	\$336	\$336	\$336	\$336
TRA-632	Hot Cell Building	Operating	Production/Plant Buildings - Materials Handling or Pro	1952	17,037	2060	0.0%	\$14,257	\$117,022	\$110,101	\$108,777	\$111,129	\$115,377
TRA-633	Diesel Firewater Pumphse	Operating	Service Buildings - Other Service	1980	1,063	2060	2.9%	\$10,048	\$7,301	\$6,870	\$6,767	\$6,934	\$7,199
TRA-634	ATR Storage Facility	Operating	Storage Facilities - Programmatic General Storage	1982	8,400	2060	0.0%	\$0	\$57,897	\$54,285	\$53,632	\$54,991	\$56,886
TRA-635	Material Receiving & Lab Area	Operating	Service Buildings - Other Service	1952	22,046	2010	1.7%	\$215,620	\$151,427	\$142,471	\$140,758	\$143,801	\$149,298
TRA-636	Retention Basin Inlet Smpl	Operating	Production/Plant Buildings - Nuclear Waste Processir	1981	86	2060	0.0%	\$0	\$591	\$566	\$549	\$561	\$582
TRA-637	Bunkhouse Trailer	Operating	Service Buildings - Other Service	1978	600	2008	1.4%	\$2,971	\$4,121	\$3,877	\$3,831	\$3,914	\$4,063
TRA-638	Training Trailer	Operating	Service Buildings - Classroom and Training	1979	2,040	2015	6.2%	\$40,857	\$14,012	\$13,183	\$13,025	\$13,306	\$13,815
TRA-640	Hazardous Chem Storage Bldg	Operating	Storage Facilities - Hazardous/Flammable Storage	1984	1,800	2012	0.1%	\$1,634	\$12,364	\$11,632	\$11,493	\$11,741	\$12,190
TRA-641	Gamma Building	Shutdown pending transfer	Laboratories - Support - Analytical	1955	2,365	2008	1.3%	\$31,369	\$16,244	\$15,284	\$15,100	\$15,426	\$16,016
TRA-642	Engineering Test Reactor Bldg.	Shutdown pending D&D	Excess - Excess to current needs	1957	47,762	1981	0.0%	\$0	\$47,762	\$47,762	\$47,762	\$47,762	\$47,762
TRA-643	ETR Compressor Building	Shutdown pending transfer	Excess - Excess to current needs	1957	11,151	1981	0.0%	\$0	\$11,151	\$11,151	\$11,151	\$11,151	\$11,151
TRA-644	ETR Heat Exchanger Bldg	Shutdown pending transfer	Excess - Excess to current needs	1957	6,793	1981	0.0%	\$0	\$6,793	\$6,793	\$6,793	\$6,793	\$6,793
TRA-647	ETR Office Building	Shutdown pending D&D	Excess - Excess to current needs	1957	11,793	2002	1.4%	\$0	\$11,793	\$11,793	\$11,793	\$11,793	\$11,793
TRA-648	ETR Electrical Building	Operating	Service Buildings - Other Service	1957	9,785	2005	2.4%	\$134,864	\$67,210	\$63,235	\$62,475	\$63,825	\$67,785
TRA-649	MTR Office Bldg Wing C	Operating	Office/Administrative Buildings - TRA	1966	6,852	2008	18.1%	\$451,400	\$47,064	\$44,281	\$43,748	\$44,694	\$46,403
TRA-650	Deepwell Pumphouse #3	Operating	Service Buildings - Other Service	1963	405	2060	1.0%	\$2,461	\$2,782	\$2,617	\$2,586	\$2,642	\$2,743
TRA-651	Maintenance/Storage Bldg.	Operating	Storage Facilities - Shed Storage	1960	672	2010	3.4%	\$4,691	\$4,616	\$4,343	\$4,291	\$4,383	\$4,551
TRA-652	MTR Office Bldg Wing B	Operating	Office/Administrative Buildings - TRA	1966	13,407	2008	2.7%	\$147,197	\$92,088	\$86,642	\$85,600	\$87,451	\$90,794
TRA-653	Maintenance Building	Operating	Service Buildings - Building Trade & Maintenance	1957	29,861	2013	1.0%	\$282,516	\$203,732	\$191,683	\$189,377	\$193,472	\$200,868
TRA-654	General Lab/High Bay (ETRC)	Operating	Laboratories - R&D - Technology Development & Dem	1959	2,400	2012	0.2%	\$31,879	\$16,485	\$15,510	\$15,323	\$15,655	\$16,253
TRA-655	ETR Air Intake Bldg.	Shutdown pending D&D	Excess - Excess to current needs	1957	300	1981	2.0%	\$1,041	\$300	\$300	\$300	\$300	\$300
TRA-656	Maintenance Storage Bldg	Operating	Storage Facilities - Shed Storage	1959	850	2060	0.1%	\$153	\$5,838	\$5,493	\$5,427	\$5,544	\$5,756
TRA-657	MTR Plug Storage Building	Operating	Storage Facilities - Nuclear Contaminated Storage	1952	5,000	2012	0.1%	\$7,446	\$34,343	\$32,312	\$31,924	\$32,614	\$33,861
TRA-658	TRA Access Control Facility	Operating	Service Buildings - Security Related	1986	4,768	2060	0.5%	\$11,883	\$32,750	\$30,813	\$30,442	\$31,101	\$32,290
TRA-660	Adv Reactivity Measuremt Facil	Operational standby	Laboratories - R&D - Basic Science Research	1959	2,400	2011	0.6%	\$15,732	\$16,485	\$15,510	\$15,323	\$15,655	\$16,253
TRA-661	Radiochemistry Laboratories	Operating	Laboratories - R&D - Analytical	1962	7,760	2011	0.2%	\$19,338	\$53,301	\$50,149	\$49,545	\$50,617	\$52,552
TRA-662	Receiving & Storage Bldg	Operating	Storage Facilities - Programmatic General Storage	1961	14,830	2060	0.2%	\$7,295	\$101,863	\$95,838	\$94,685	\$96,733	\$100,431
TRA-663	Superior Diesel Building	Shutdown pending D&D	Excess - Excess to current needs	1957	1,120	2002	0.0%	\$0	\$1,120	\$1,120	\$1,120	\$1,120	\$1,120
TRA-664	Hot Storage Building	Shutdown pending D&D	Excess - Excess to current needs	1961	800	2002	0.0%	\$0	\$800	\$800	\$800	\$800	\$800
TRA-665	Storage Building	Operating	Storage Facilities - Programmatic General Storage	1962	776	2060	19.8%	\$31,922	\$5,330	\$5,015	\$4,955	\$5,062	\$5,255
TRA-666	Hydraulic Test Fac. (STAR)	Operating	Laboratories - R&D - Technology Development & Dem	1963	2,400	2060	0.1%	\$3,885	\$16,485	\$15,510	\$15,323	\$15,655	\$16,253
TRA-666A	Tritium Lab	Operating	Laboratories - R&D - Analytical	1963	1,920	2060	0.2%	\$3,740	\$13,188	\$12,408	\$12,259	\$12,524	\$13,003
TRA-667	Dispensary & Office Building	Operating	Office/Administrative Buildings - TRA	1964	4,168	2008	0.3%	\$5,851	\$28,629	\$26,935	\$26,612	\$27,187	\$28,226
TRA-668	MTR North Wing Extension	Operating	Laboratories - R&D - Technology Development & Dem	1956	3,596	2010	0.8%	\$42,489	\$24,700	\$23,239	\$22,959	\$23,456	\$24,353
TRA-669	Cold Storage Building	Shutdown pending D&D	Excess - Excess to current needs	1968	2,300	2002	0.0%	\$0	\$2,300	\$2,300	\$2,300	\$2,300	\$2,300
TRA-670	ATR Reactor Building	Operating	INEEL Reactors - Reactor	1966	140,894	2060	0.0%	\$1,157,078	\$96,383	\$90,227	\$88,292	\$91,717	\$95,798
TRA-671	ATR Cooling Tower Pumphouse	Operating	Service Buildings - Other Service	1965	2,500	2060	0.2%	\$2,696	\$17,172	\$16,156	\$15,962	\$16,390	\$16,930
TRA-672	Deepwell Pumphouse #4	Operating	Service Buildings - Other Service	1963	321	2027	2.8%	\$1,895	\$2,205	\$2,074	\$2,049	\$2,094	\$2,174

Building Number	Building Name	Operational Status	Infrastructure Long-Range Plan Use	Active Year	Area (sq ft)	End Use Year	FCI	FY 2003 Deferred Maint.	FY 2003 Budgeted Maintenance Cost	FY 2003 Actual Maintenance Costs	FY 2004 Budgeted Maintenance Cost	FY 2005 Budgeted Maintenance Cost	FY 2006 Budgeted Maintenance Cost
TRA-673	Storage Bldg	Operating	Storage Facilities - General Storage	1971	1,200	2060	8.5%	\$19,240	\$8,242	\$7,755	\$7,662	\$7,827	\$8,127
TRA-674	Diesel Generator Bldg	Operating	Service Buildings - Other Service	1986	704	2015	0.0%	\$0	\$4,836	\$4,550	\$4,495	\$4,592	\$4,768
TRA-675	Waste Oil Dumpster Shed	Shutdown pending D&D	Excess - Excess to current needs	1987	150	1997	0.0%	\$0	\$150	\$150	\$150	\$150	\$150
TRA-676	Waste Heat Recovery Bldg	Operating	Service Buildings - Other Service	1989	2,107	2060	0.4%	\$4,941	\$14,472	\$13,616	\$13,453	\$13,744	\$14,269
TRA-677	Acid/Caustic Storage Facility	Operational standby	Storage Facilities - Hazardous/Flammable Storage	1992	793	2008	0.0%	\$0	\$5,447	\$5,125	\$5,063	\$5,173	\$5,370
TRA-678	TRA Office Building #2	Operating	Office/Administrative Buildings - TRA	1991	4,968	2012	0.4%	\$7,368	\$34,124	\$32,105	\$31,719	\$32,405	\$33,644
TRA-679	Nuclear Training Facility	Operating	Service Buildings - Classroom and Training	1991	9,600	2060	0.2%	\$8,465	\$65,939	\$62,039	\$61,293	\$62,619	\$65,012
TRA-680	Emergency Command Center	Operating	Service Buildings - Other Service	1991	4,960	2060	0.6%	\$12,132	\$34,069	\$32,054	\$31,668	\$32,353	\$33,590
TRA-681	Temporary Accumulation Area #1	Operating	Storage Facilities - Hazardous/Flammable Storage	1995	120	2012	0.0%	\$0	\$824	\$775	\$766	\$783	\$813
TRA-682	Temporary Accumulation Area #2	Operating	Storage Facilities - Hazardous/Flammable Storage	1995	120	2012	0.0%	\$0	\$824	\$775	\$766	\$783	\$813
TRA-683	Temporary Accumulation Area #3	Operating	Storage Facilities - Hazardous/Flammable Storage	1995	120	2012	0.0%	\$0	\$824	\$775	\$766	\$783	\$813
TRA-684	Temporary Accumulation Area #4	Operating	Storage Facilities - Hazardous/Flammable Storage	1995	120	2012	0.0%	\$0	\$824	\$775	\$766	\$783	\$813
TRA-685	Temporary Accumulation Area #5	Operating	Storage Facilities - Hazardous/Flammable Storage	1995	120	2012	0.0%	\$0	\$824	\$775	\$766	\$783	\$813
TRA-686	Temporary Accumulation Area #6	Operating	Storage Facilities - Hazardous/Flammable Storage	1995	120	2012	0.0%	\$0	\$824	\$775	\$766	\$783	\$813
TRA-687	Gas Bottle Storage Facility	Operating	Storage Facilities - Hazardous/Flammable Storage	1995	1,000	2012	0.1%	\$600	\$6,869	\$6,462	\$6,385	\$6,523	\$6,772
TRA-688	Firewater Pumphouse	Operating	Service Buildings - Other Service	2000	2,500	2060	0.0%	\$0	\$17,172	\$16,156	\$15,962	\$16,307	\$16,930
TRA-689	Radiological Waste Building	Operating	Production/Plant Buildings - Nuclear Waste Processing	1997	4,230	2027	0.0%	\$0	\$29,055	\$27,336	\$27,007	\$27,591	\$28,646
TRA-690	Storage Building	Operating	Storage Facilities - Programmatic General Storage	1993	80	2010	0.0%	\$0	\$549	\$517	\$511	\$522	\$542
TRA-691	East Manhole Shelter	Operating	Service Buildings - Other Service	1996	25	2060	2.8%	\$153	\$172	\$162	\$160	\$163	\$169
TRA-692	West Manhole Shelter	Operating	Service Buildings - Other Service	1996	25	2060	2.8%	\$153	\$172	\$162	\$160	\$163	\$169
TRA-694	Retention Pond Sample House	Operating	Service Buildings - Other Service	2001	120	2060	0.0%	\$0	\$824	\$775	\$766	\$783	\$813
			<b>TRA Totals</b>		<b>620,009</b>			<b>\$6,855,440</b>	<b>\$3,678,422</b>	<b>\$3,466,713</b>	<b>\$3,426,209</b>	<b>\$3,498,160</b>	<b>3,571,621</b>