

SAFETY BASIS FOR INTEC FUEL PROCESSING FACILITY			Identifier: LST-106
			Revision: 13
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INTEC	List	For Additional Info: http://EDMS	Effective Date: 02/05/04
Manual:			DAR Number: <u>108815</u>

Safety Basis List for INTEC Fuel Processing Facility

1. Safety basis documents for the INTEC Fuel Processing Facility are contained in Idaho Nuclear Technology and Engineering Center Plant Safety Document (PSD) sections, Technical Standards (TS), the Basis for Interim Operation (BIO), a facility-specific safety analysis report (SAR) and Technical Safety Requirements (TSR), and the INEEL Standardized Safety Analysis Report (SAR) Chapters and Technical Safety Requirements (TSR), as listed in Table 1.
2. Hazard Category 2 per INTEC Basis for Interim Operation, SAR-147. See also LST-268.
3. Other documents affecting the implementation of the facility safety basis – none.
4. Unreviewed Safety Question

01-USQ-INTEC-003E, "Fire Hazard Evaluation for Exterior Polyurethane Foam Insulation on INTEC Facilities," 07/16/01.

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**Table 1. Safety Basis Documents for INTEC Fuel Processing Facility
(current revision*)**

Document Identifier	Document Title
SAR-100	INEEL Standardized Safety Analysis Report (SAR) Chapters
TSR-100	INEEL Standardized Technical Safety Requirements (TSR) Document
SAR-159	Calcine Sample Storage Cask Operations at the INTEC
TSR-159	Calcine Sample Storage Cask Operations at the INTEC
SAR-147	INTEC Basis for Interim Operation
PSD 4.2	Aqueous Liquid Waste Management
PSD 5.1	Aluminum Fuel Dissolution Process
PSD 5.1A	Aluminum Fuel Dissolution Process – Status Addendum
PSD 5.2	Semicontinuous Zirconium-Alloyed Fuel Dissolution
PSD 5.2B	Semicontinuous Zirconium-Alloyed Fuel Dissolution – Status Addendum
PSD 5.7	FSAR for L and C Cell Uranium Rework System
PSD 6.1	Feed Preparation
PSD 6.1-ADD	Feed Preparation – Status Addendum
PSD 6.2	Feed Clarification System
PSD 6.2-ADD	Feed Clarification System – Status Addendum
PSD 6.3	TBP Extraction
PSD 6.3-ADD	TBP Extraction – Status Addendum

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Document Identifier	Document Title
PSD 6.4	TBP Recovery and Waste Solvent Disposal
PSD 6.4-ADD	TBP Recovery and Waste Solvent Disposal – Status Addendum
PSD 6.5	Hexone Extraction
PSD 6.5-ADD	Hexone Extraction – Status Addendum
PSD 6.6	Hexone Recovery
PSD 6.6-ADD	Hexone Recovery – Status Addendum
PSD 7.1	Intercycle Storage
PSD 7.1-ADD	Intercycle Storage – Status Addendum
PSD 7.2	Aqueous Uranyl Nitrate Storage (Z-Cell)
PSD 7.2-ADD	Aqueous Uranyl Nitrate Storage (Z-Cell) – Status Addendum
PSD 7.6	Accountability and Interim Storage in M-Cell
PSD 7.6-ADD	Accountability and Interim Storage in M-Cell – Status Addendum
PSD 8.6	Management of Radioactive Airborne Effluent
PSD 9.1A	CPP-601 Cubicle Sampling System
TS 4.1E1	INTEC Equipment Requiring Alternate Electrical Power
TS 5.7A1	L-Cell Floor Criticality Control
TS 5.7B1	Uranium Rework Operating Requirements
TS 5.7B2	Uranium Rework Jets and Valves Control Requirements
TS 5.7B3	Group I Instruments-L & C Cells

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Document Identifier	Document Title
TS 5.7B4	L-Cell Samplers
TS 5.7C1	Sampling Requirements for Uranium Rework
5.7TRQ-1	Requirements for Uranium Rework
5.7TRQ-2	J-125 & L-130 Steam Chest Air Pressure Limit
TS 8.6B4	Ventilation Off-Gas HEPA Filters, Operability Requirements, and Radiological Limits for Changeout
8.6TRQ-3	Ventilation and Process Off-Gas Equipment Requirements for Inactive Process Areas
TS 10E5	Technical Specification/Standard Violation
TS 15B1	Protection Against Inadvertent Transfers
TS 15B2	Group I Instruments - Operability
TS 15B3	Use of Lifting Equipment
TS 15C1	Category I Devices and Controls
TS 15C2	Group I Instruments

* A copy of the latest revision may be found at the Electronic Document Management System (EDMS) site on the INEEL intranet home page, and/or in the controlled document sets.