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Authorization Agreement

U. S. Department of Energy
Idaho Operations Office
and
Bechtel BWXT, LLC
Authorization Agreement
for the INTEC Fuel Processing Facility
(CPP-601)

Prepared for:
U.S. Department of Energy
Idaho Operations Office
Idaho Falls, Idaho

INEEL
Idaho National Engineering
and Environmental Laboratory

Form 412.14
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PREAMBLE

This Authorization Agreement (IAG) documents the agreement between the Department of Energy (DOE) Idaho Operations Office (ID) and the Idaho National Engineering and Environmental Laboratory (INEEL) contractor, Bechtel BWXT Idaho, LLC (BBWI), on the overall basis for the safe operation of Idaho Nuclear Technology and Engineering Center (INTEC) Fuel Processing Facility. DOE has reviewed and approved BBWI's proposed Safety Basis, as defined in LST-106 for the defined scope of work. This Authorization Agreement contains key terms and conditions (controls and commitments) under which BBWI is authorized to perform work. Any changes to these terms and conditions require DOE approval. In documenting the overall basis for the safe conduct of work, this Authorization Agreement highlights the scope of the Authorization, the Safety Basis, and the key terms and conditions (controls and commitments). This agreement highlights existing requirements rather than introducing new requirements. However, the agreement does distill and succinctly state the overall basis for the safe conduct of work in support of effective DOE and BBWI integrated safety management of the facility.

AGREEMENT

1. The DOE has determined, based on the completion of the following activities, that implementation of the Authorization Agreement is sufficient to adequately protect the public, the workers, and the environment, and DOE is confident BBWI is capable of meeting the commitments identified in the Authorization Agreement:

   A. Through the periodic assessment of the contractor's performance, and through the review and approval of the documents that are identified by this Authorization Agreement, DOE ensures that the contractor, BBWI, has identified the basis for safe operation of the INEEL.

   B. Through review and approval, the INTEC Fuel Processing Facility Plant Safety Document (PSD) adequately documents the analysis of facility hazards, specifies the controls necessary to prevent and mitigate the hazards, and defines a safety management program which affords an acceptable level of safety to the public, the workers, and the environment. A complete list of applicable safety documents is identified in LST-106.

C. Through the completion of a Final Environmental Impact Statement (EIS) on the INTEC Fuel Processing Facility, (DOE/EIS-0203), and through application of the National Environmental Policy Act (NEPA) process, the potential environmental and safety consequences of operating these facilities would be small and in compliance with applicable environmental laws and regulations.

D. Through the performance of restart assessments in accordance with DOE Order 425.1A and revisions thereto, as identified in contract DE-AC07-99ID13727, there is assurance the facility is being operated without endangering the health and safety of the public, the workers, or the environment.

E. Based on Items B, C, and D above and on its institutional and support programs and processes, BBWI has adequate technical and managerial capability to safely operate the INTEC Fuel Processing Facility.

2. The Authorization Agreement applies to the Fuel Processing Facility, located within the INTEC of the INEEL, located 50 miles west of Idaho Falls, Idaho. The facilities, major functions, subsystems, and support facilities are described in the safety documents identified in LST-106.

3. The scope of activities authorized in conjunction with the operation of the INTEC Fuel Processing Facility is defined by: (a) the Work Authorization and Change Control process specified in Contract Number DE-AC07-99ID13727, and (b) the safety documents identified in LST-106. The following activities involving the processing, handling and storage of radioactive material are authorized:

   A. Routine surveillance and maintenance of cells and overall facility.

   B. Non-radioactive chemical makeup activities in the Process Makeup area.

   C. Storage of calcine samples in D-cell.

   D. Transfer of radioactive liquids to the CPP-601 PEW tanks.

   E. All additional work, which may be required in order for BBWI to meet its contractual obligations under contract number DE-AC07-99ID13727 at the INTEC Fuel Processing Facility.

4. Operation of the INTEC Fuel Processing Facility is subject to the following requirements and conditions:

   A. Safety Basis, Environmental Permits, and DOE-approved Operational Readiness Reviews/Readiness Assessments, as applicable, were used to develop this agreement. This agreement forms the basis for operation of the INTEC Fuel Processing Facility. Authorized deviations shall be documented by BBWI and approved by DOE through Exemption Requests, Compliance Schedule Agreements, Implementation Plans, modifications to the contract, or other means as appropriate.

   B. BBWI shall operate the INTEC Fuel Processing Facility in accordance with the operational controls specified in the Safety Basis as defined by LST-106.

   C. BBWI shall maintain the Safety Basis, defined in LST-106. As Safety Basis documents are revised, added, or deleted, as approved by DOE, the list shall be updated. Changes to LST-106 do not require separate DOE approval under the following conditions:

      - Change in the revision date or number of a listed document if DOE has formally approved the new document revision.

      - Addition of a new Safety Basis document (e.g., Safety Analysis Report/Technical Safety Requirements document, Unreviewed Safety Question (USQ), Hazard Classification) that has been formally approved by DOE.

      - Change in the revision date/number of a listed document if the new document revision has received a USQ screening/evaluation and determined not to involve a USQ.

      - Deletion of a listed document if cancellation of the document has been formally approved by DOE.

      - Editorial changes (e.g., typographical errors).

      - All other changes to the Safety Basis List documents require the approval of both DOE and BBWI management at the level of the Authorization Agreement signatories.

   D. BBWI shall implement and maintain in effect an INTEC Emergency Preparedness and Planning Program as described in BBWI Manual 16, Emergency Preparedness.

   E. BBWI shall comply with the requirements specified in the active revisions of the following approved permits and compliance agreements:

      INTEC New Percolation Ponds – Wastewater Land Application Permit LA-000130-03, 03/28/02.

INEEL Storm Water Pollution Prevention Plan for Industrial Activities, DOE/ID-10431

Federal Facility Agreement and Consent Order, 12/9/91

Final Record of Decision – Idaho Nuclear Technology and Engineering Center, Operable Unit 3-13-INEEL, October 1999.

RCRA Part A Permit for the Idaho National Engineering Laboratory, Idaho Chemical Processing Plant, DOE/ID-10213

Site Treatment Plan Consent Order, 11/1/95

Permit to Construct #023-00001, Idaho Nuclear Technology and Engineering Center, Nitrogen Oxide Sources, 10/18/99.

Voluntary Consent Order, 6/14/00.

F. Through the use of a facility Configuration Management Process controlled by PRD-115, Configuration Management, BBWI maintains the INTEC Fuel Processing Facility hardware, procedures, and organizational integrity.

G. Through the use of an Integrated Safety Management System detailed by PDD-1004, INEEL Safety Management Program Description Document, BBWI integrates the environmental, safety, and health issues into the totality of the work for the INTEC Fuel Processing Facility.

5. This Authorization Agreement is subject to the conditions listed herein. Nonconformance to the components of this agreement will be reported using currently applicable reporting systems, such as the Issues Communications and Resolution Environment System and the Occurrence Reporting and Processing System. DOE and BBWI agree to the conditions and limitations contained in the Authorization Agreement. The conditions and limitations within this Authorization Agreement are effective upon the date identified in the first page header of this document and shall expire upon expiration or termination of Contract Number DE-AC07-99ID13727.

6. This Authorization Agreement is not intended to change or add to the M&O contract, but is intended to implement applicable requirements of the M&O contract. If there is an inconsistency between the M&O contract and this Authorization Agreement, the M&O contract terms will prevail.

Bechtel BWXT Idaho, LLC	Department of Energy Idaho Operations Office
_____	_____
Project Director, Clean/Close INTEC Project Idaho Completion Project	Manager, Idaho Operations