

Information Bulletin

This Bulletin is being provided to you for review, analysis, and internalization as applicable.

Title: Use of Approval Designators for Transportation and Packaging Activities

Date: June 6, 2006

Identifier: 2006-RL-HNF-0021

Lessons Learned Summary: In preparing procedures and work packages involving packaging and transportation (T&P) activities, FH Projects and Facilities are not assigning technical reviewer designations in accordance with HNF-PRO-8635 "*Review and Approval of Technical Documents*" and/or complying with the USQ_T process detailed in HNF-PRO-15438 "*Unreviewed Safety Question Process for Transportation*".

Discussion of Activities: Transportation Safety Operations (TSO) of Waste Services (WS) recently conducted a management assessment of FH Projects and Facilities to assess the implementation status and compliance to DOE "*Hanford Sitewide Transportation Safety Document*", DOE/RL-2001-36. During the review of facility procedures and work packages, documents were identified where the "W" and/or the "TP" designator had not been applied for revisions where, in accordance with criteria specified in HNF-PRO-8635, it was appropriate to do so.

HNF-PRO-8635 requires the "W" approval designator (Waste Compliance) for review of technical documents and changes to documents with the potential for generating hazardous waste, or for transporting or packaging waste. The procedure requires a "TP" approval designator (Transportation and Packaging) for review of documents and changes to documents involving radioactive material packaging and transportation activities.

HNF-PRO-15438 requires the USQ_T Process be completed before implementation of new or proposed changes to on-site packaging or transportation activities involving greater than an A₂ quantity of radioactive material.

Analysis: Some Project and Facility technical staff were not familiar with HNF-PRO-8635 and the application of the "W" and "TP" review designators. Some personnel were also unfamiliar with HNF-PRO-15438 and the applicability of the USQ_T process to their packaging and transportation activities.

Recommendations:

- Project and Facility management should ensure that all facility design authorities, maintenance planners, procedure writers, procedure technical authorities, and other appropriate management and technical staff are familiar with the technical reviewer designations for transportation and packaging as defined in HNF-PRO-8635 and the need to subject new and changed T&P related documents to the USQ_T process described in HNF-PRO-15438.
- Active and pending work packages and procedures that involve T&P related activities work packages, procedures and other technical documents should be evaluated against

the requirements for assignment of review designators and application of the USQ_T process.

Cost Savings/Avoidance: Not determined

Work Function(s): Packaging and Transportation

Hazards: Other

Keywords: Unreviewed Safety Question, packaging and transportation, approval designators

Originator: Fluor Hanford, Inc., Submitted by Dave Levinkas, Duratek Federal Services
Hanford - Transportation Safety Operations

Contact: Project Hanford Lessons Learned Coordinator; (509) 372-2166; e-mail:
[PHMC Lessons Learned@rl.gov](mailto:PHMC_Lessons_Learned@rl.gov)

References: WSD-WS-PT-06-MA-7

Distribution: General - All PHMC Programs and Projects