

United States Government

Department of Energy

Richland Operations Office

memorandum

DATE: **MAY 18 2012**
REPLY TO
ATTN OF: **AMRP:SEC/12-AMRP-0034**

SUBJECT: **PERIODIC REVIEWS OF NON-DESTRUCTIVE ASSAY (NDA) HOLDUP
MEASUREMENT PROGRAMS AT THE PLUTONIUM FINISHING PLANT (PFP)**

TO: **R. E. Wilson**
Office of Safety Management
EM-41, HQ

This memorandum is in response to the April 4, 2012 request for a schedule or documentation of evidence that reviews have been completed for PFP. This information is necessary for closure of Commitment 5.5.4 in the DOE Implementation Plan for the Defense Nuclear Facility Safety Board Recommendation 2007-1.

In 2004, PFP completed its special nuclear material processing mission and began to prepare the facility for demolition. Benefiting from the lessons-learned by Rocky Flats Technology Site, a high priority was given to transitioning, restructuring, and upgrading the NDA program for the upcoming facility deinventory, deactivation, decontamination, decommissioning, and demolition (D&D). Beginning in September 2003 a series of independent, in-depth reviews of the PFP NDA program were performed utilizing expertise from several DOE sites. These reviews provided valuable assistance during program design and assessment of implementation success during the transition from production to D&D. In September 2009 the Technical Support Group performed a State-of-the-Practice review of the NDA In-Situ Holdup Program at PFP finding the "quality of the final assay result and the ability of that result to meet customer needs is quite high."

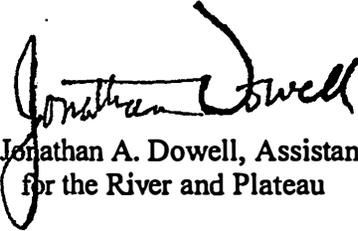
In compliance with Commitment 5.5.4, the Richland Operations Office conducted a focused assessment of PFP NDA staff qualifications in January 2010. A biennial assessment of the PFP NDA Program is scheduled for September 2012.

R. E. Wilson
12-AMRP-0034

-2-

MAY 18 2012

If you have any questions, please contact me, or your staff may contact Larry Romine, of my staff, on (509) 376-4747.



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