

October 22, 2008

Dr. Woodrow Whitlow, Jr., Director
NASA Glenn Research Center at Lewis Field
21000 Brookpark Road M.S. 3-2
Cleveland, OH 44135

SUBJECT: NASA PLUM BROOK REACTOR FACILITY MASTER INSPECTION
PLAN - FISCAL YEAR (FY) 2009

Dear Dr. Whitlow:

In accordance with U.S. NRC Inspection Manual Chapter 2545, "Research and Test Reactor Inspection Program," the NRC Region III staff and management have developed a Master Inspection Plan (MIP) for the Plum Brook Reactor. The plan is based on your current performance and schedule of significant decommissioning activities planned for the site from October 2008 through September 2009 (FY2009). The plan outlines how we intend to focus our regional inspection resources to address significant ongoing decommissioning activities.

Because the FY2009 MIP is based, in part, on your proposed schedule of significant decommissioning activities for FY2009, the plan and the focus of NRC inspection activities may change to reflect a change in your planned decommissioning activities or your performance. In order to ensure that the FY2009 MIP remains current, we request that you keep the Materials Control, ISFSI, and Decommissioning Branch staff informed of any significant changes in your proposed schedule of decommissioning activities. You will be informed of any significant changes to the Plum Brook Reactor FY2009 MIP.

We currently project the Region will conduct two inspections at the Plum Brook Reactor during FY2009. We are planning an inspection in November or December 2008 to evaluate work activities under your new contractor, and an inspection will also be scheduled to coincide with the remediation of the Pentolite Ditch. Additional inspections may be warranted, depending on decommissioning activities. The following is a list of the inspection procedures we expect to use during our inspections. The specific procedures used during each inspection will depend on the specific decommissioning activities being conducted.

<u>Inspection Procedure</u>	<u>Inspection Procedure Title</u>
IP 69013	Research and Test Reactor Decommissioning
IP 83801	Inspection of Final Surveys of Permanently Shutdown Reactors

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). The NRC's document system is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

We will gladly discuss any questions you may have regarding these inspection plans. If you have questions, please contact Mr. William Snell of my staff at (630) 829-9871.

Sincerely,

/RA/

Christine Lipa, Chief
Materials Control, ISFSI, and
Decommissioning Branch

Docket Nos.: 50-30 and 50-185
License Nos.: TR-3 and R-93

cc: Radiation Health Program Director, Ohio Department of Health (ODH)
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Ohio Environmental Protection Agency, Division of Planning
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