

November 16, 2006

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

SUBJECT: PLUM BROOK REACTOR FACILITY MASTER INSPECTION PLAN -
FISCAL YEAR (FY) 2007

Dear Dr. Earles:

In accordance with NRC 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 for October 2006 through September 2007 (FY2007). The plan outlines how we intend to focus our Regional inspection resources to address significant ongoing decommissioning activities.

Because the FY2007 MIP is based, in part, on your proposed schedule of significant decommissioning activities for FY2007, 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 FY2007 MIP remains current, we request that you keep the 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 FY2007 MIP.

We currently project the Region will conduct two to three inspections at the Plum Brook Reactor during FY2007. The following is a list of the inspection procedures we expect to use during our inspections. The specific procedure(s) 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

Based on resources allocated to the Region III Decommissioning staff, the Region expects to expend approximately 150 hours on the routine inspection activities related to the Plum Brook Reactor during FY2007. This includes time spent on inspection preparation, documentation, onsite inspection activities, and travel.

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>.

J. Earles

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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/

Jamnes L. Cameron, Chief
Decommissioning Branch

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