

September 29, 2011

Dr. Richard L. Holm
University of Illinois at Urbana-Champaign
Department of Engineering Administration
303 Engineering Hall
1308 West Green Street
Urbana, IL 61801

SUBJECT: UNIVERSITY OF ILLINOIS NUCLEAR REACTOR MASTER INSPECTION
PLAN – FISCAL YEAR 2012

Dear Dr. Holm:

In accordance with U.S. Nuclear Regulatory Commission (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 University of Illinois Nuclear Reactor. The plan is based on your current performance and schedule of significant decommissioning activities planned for the site for the period of October 2011 through December 2012. The plan outlines how we intend to focus our regional inspection resources to address significant ongoing decommissioning activities.

Because this MIP is based, in part, on your proposed schedule of decommissioning activities for fiscal year (FY) 2012; 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 this 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 University of Illinois Nuclear Reactor inspection schedule.

We currently project the region will conduct approximately five inspections at the reactor through December 2012, if work begins as planned. You have indicated that a decommissioning contractor has been selected and will begin work in the fall of 2011. One inspection will be conducted prior to the start of work to verify the proper organization, controls and support are in place. The subsequent inspections will be conducted once work commences to ensure decontamination and dismantlement activities are being adequately conducted. Additional inspections may be warranted, depending on specific decommissioning activities being conducted.

R. Holm

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

In accordance with Title 10 Code of Federal Regulations (CFR) 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC website 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 Jeremy Tapp of my staff at (630) 829-9862.

Sincerely,

/RA/

Christine A. Lipa, Chief
Materials Control, ISFSI, and
Decommissioning Branch
Division of Nuclear Materials Safety

Docket No. 050-00151
License No. R-115

cc: J. Klinger, Illinois Emergency Management
Agency (IEMA)
C. Settles, IEMA
L. Prussing, Mayor, City of Urbana
J. Stubbins, University of Illinois

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