November 17, 2009

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 (FY) 2010

Dear Mr. Holm:

In accordance with the 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 from October 2009 through September 2010 (FY2010). The plan outlines how we intend to focus our regional inspection resources to address significant ongoing decommissioning activities.

Because the FY2010 MIP is based, in part, on your proposed schedule of decommissioning activities for FY2010, 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 FY2010 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 FY2010 MIP.

We currently project the region will conduct two inspections at the reactor during FY2010. You have indicated that funds for the decommissioning project have been allocated for fiscal year 2011 and that your goal is to select a decommissioning contractor by the spring of 2010 with work beginning by late summer/fall of 2010. One inspection will be conducted prior to the start of work to verify the proper organization, controls and support are in place. The second inspection 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.

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.

Inspection Procedure	Title
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 the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is 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 William Snell of my staff at (630) 829-9871.

Sincerely,

/RA/

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

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

cc: C. Settles, IEMA
J. Klinger, IEMA
L. Peussing, Mayor, City of Urbana
J. Stubbins, University of Illinois

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