

**SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION**

1. LICENSEE Purdue University REPORT NUMBER(S) 08-03		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532	
3. DOCKET NUMBER(S) 030-00696	4. LICENSE NUMBER(S) 13-02812-04	5. DATE(S) OF INSPECTION 11/13-14/08 thru 12/5/08	
6. INSPECTION PROCEDURES USED 87126	7. INSPECTION FOCUS AREAS 03.01, 03.03, 03.04, 03.06,		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 01100	2. PRIORITY 3	3. LICENSEE CONTACT Dr. James Schweitzer - RSO	4. TELEPHONE NUMBER 765-494-2350
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Main Office Inspection Next Inspection Date: No change

Field Office _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This inspection focused on radiological conditions at the licensee's facility between 1990 and 1998. Specifically, the inspector reviewed the licensee's internal and external dosimetry records, incident reports, significant radiological spills reports, and lost or missing radioactive material reports of that time period. The inspector also interviewed available licensee staff that were employed by the licensee within the radiation safety program sometime during 1990 and 1998.

Observations and Findings

The inspector did not identify any abnormal or significant radiological exposures during 1990 and 1998. The inspector noted several licensee identified radiological spills and contamination events but documentation showed that those events were handled appropriately and no individual received a significant, elevated radiation exposure. On October 2, 1996, the licensee reported to the NRC a missing package containing approximately 1 millicurie of carbon-14. The licensee conducted a search but was unable to locate the missing package. The inspector interviewed available licensee staff that were employed within the radiation safety program between 1990 and 1998. The licensee staff did not identify any abnormal or undocumented incidents, lost radioactive material or elevated radiation exposures to licensee personnel or members of the general public.

The continuing NRC review was for the licensee to produce additional dosimetry records that could not be reviewed during the site inspection.