

Report  
93007

- b. Dresden Procedure DRP 1480-01, Revision 9, "Contamination Surveys," states that any material exiting the controlled area must be given an unconditional release unless only fixed contamination is present and the material bears a radioactive material label or tag. Contrary to this, on or around November 2, 1992, an unconditional release was not given for a valve and other pieces of metal that were found in the mechanical maintenance shop outside the controlled area. These items were not labelled or tagged and had smearable contamination that ranged from 500 disintegrations per minute (dpm) to 20,000 dpm. In addition, on or around February 2, 1993, an unconditional release was not given for two contaminated work gloves found alongside the road leading to the station. These gloves were not labelled or tagged and had fixed contamination that ranged from 200 to 5000 dpm (Violation No. 50-237/93007-02b(DRSS); 50-249/93007-02b(DRSS)). Although these problems were identified by the licensee, corrective actions for several similar problems earlier in 1992 should have precluded them.
- c. Dresden Procedure DRP 1520-13, Revision 2, "Loading and Shipping Radioactive Protective Clothing," states that the Station Laborer group will not load any laundry bag that has a contact reading greater than 25 mrem/hour into laundry shipping containers, but will set it aside for followup surveys by radiation protection personnel. Contrary to this, on or around January 16 and 27, 1993, one laundry bag reading 115 mrem and one bag reading 111 mrem were not set aside, but were found loaded in boxes for shipment to an offsite nuclear laundry (Violation No. 50-237/93007-02c(DRSS); 50-249/93007-02c(DRSS)). Although these problems were identified by the licensee, they should have been precluded by corrective actions for a similar problem discovered on December 16, 1992, where a laundry bag reading 3 rem/hour was found in a shipment box.
- d. The licensee informed NRC personnel that on February 13, 1993, a station electrician and a CRPT were in a restricted area without authorization during radiography. The radiography was being conducted by a State of Illinois-licensed company using a 54-curie Iridium-192 source. Dresden personnel tentatively determined that the two individuals had not signed any Radiation Work Permit prior to entering the area, but were wearing thermoluminescent dosimeters. The exposure of the electrician was determined by plant staff to be 15 mrem and that of the CRPT to be 30 mrem. NRC personnel informed the State of Illinois of the event. The licensee stated that the CRPT had been terminated and that the electrician had received a two-week suspension from work. The results of the licensee's investigation will be reviewed during a future inspection (Unresolved Item No. 50-237/93007-03(DRSS); 50-249/93007-03(DRSS)).

One violation of NRC requirements and one unresolved item were identified.

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