

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE Northern Indiana Public Service Company		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532	
REPORT NUMBER(S) 2009-001			
3. DOCKET NUMBER(S) 03008362	4. LICENSE NUMBER(S) 13-14984-01	5. DATE(S) OF INSPECTION April 13, 2009	
6. INSPECTION PROCEDURES USED 87124 (11/25/03)		7. INSPECTION FOCUS AREAS 03.01-03.07	

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03120	2. PRIORITY 5	3. LICENSEE CONTACT Joe Huber, RSO	4. TELEPHONE NUMBER 219-477-6278
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Main Office Inspection

Field Office **Mitchell Station, Gary, IN; and Baily Station, Chesterton, IN**

Temporary Job Site Inspection

Next Inspection Date: **April 2014**

PROGRAM SCOPE

The licensee is an electric utility authorized to use cesium-137 in sealed sources for level or density measurements. The licensee currently possesses gauges as indicated in the license file for each location, except at Mitchell Station which has been closed down and 48 gauges returned to the manufacturer. The licensee is authorized by the license for cadmium/iron x-ray analyzers, but does not possess any at the time of the inspection. At the time of the inspection, the RSO and two maintenance staff were involved in licensed activities. Any removal or other maintenance of the gauges is done by the manufacturer. Survey meters are available and are calibrated as required. The licensee's program is audited annually by Englehard and Associates. Ambient surveys of select gauges in areas which could be routinely occupied by plant personnel indicated less than 2 mrem/hr. No change in RSO since the previous inspection.

Performance Observations

During the inspection, the licensee's RSO demonstrated/discussed: (1) survey meter use and calibration; (2) tag out procedures; (3) signage (4) security of licensed material; (5) gauge maintenance and removal; (6) staff training; (7) leak tests (April 2008); (8) 6-month inventories (March 2009); and (9) shutter tests (December 2008).

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