

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

<p>1. LICENSEE/LOCATION INSPECTED:</p> <p>Northern Indiana Public Service Company 2755 Raystone Drive Valparaiso, IN 46383</p> <p>REPORT NUMBER(S) 2014-001</p>	<p>2. NRC/REGIONAL OFFICE</p> <p>Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352</p>	
<p>3. DOCKET NUMBER(S)</p> <p>030-08362</p>	<p>4. LICENSE NUMBER(S)</p> <p>13-14984-01</p>	<p>5. DATE(S) OF INSPECTION</p> <p>02/13/14, with in-office review through 02/17/14</p>

**LICENSEE:**

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:


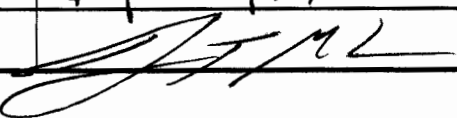
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, to exercise discretion, were satisfied.

Non-cited violation(s) were discussed involving the following requirement(s):

- 4. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.  
(Violations and Corrective Actions)

**Statement of Corrective Actions**

I hereby state that, within 30 days, the actions described by me to the Inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

TITLE	PRINTED NAME	SIGNATURE	DATE
LICENSEE'S REPRESENTATIVE			
NRC INSPECTOR	Ryan Craffey		2/19/14
BRANCH CHIEF	Aaron McCraw		2/21/14

**Docket File Information**  
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6. INSPECTION PROCEDURES USED  87124	7. INSPECTION FOCUS AREAS  All	

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  03120	2. PRIORITY  5	3. LICENSEE CONTACT  Andrew Fishman, PMP - RSO	4. TELEPHONE NUMBER  (219) 242-5627
<input checked="" type="checkbox"/> Main Office Inspection                      Next Inspection Date: <u>February 2019</u>  <input checked="" type="checkbox"/> Field Office Inspection <u>Wheatfield, Michigan City, and Chesterton, IN</u>  <input type="checkbox"/> Temporary Job Site Inspection			

**PROGRAM SCOPE**

This was a routine inspection of an electric utility authorized by its NRC license to use sealed sources of cesium-137 for measuring physical properties of materials at coal-fired generating stations in Wheatfield, Michigan City, and Chesterton, Indiana. Approximately three quarters of the licensee's gauges are located at the Rollin M. Schahfer Station in Wheatfield. The remaining gauges are split between the Michigan City Station, the Bailly Station in Chesterton, and a separate storage area at Bailly Station. The licensee no longer possesses any specifically-licensed iron-55 or cadmium-109. The licensee collects and analyzes leak tests of all sealed sources every three years. Instrumentation and Control personnel perform shutter checks every six months, and report the results to the Radiation Safety Officer (RSO) through a Radiation Safety Supervisor at each station. The RSO also performs a physical inventory of the gauges every six months, at which time he audits the implementation of the radiation safety program at each site. A consultant audits the entire radiation safety program annually. The licensee provides radiation awareness training for all personnel and contractors, and provides more in-depth training for individuals who work with or in the vicinity of the gauges.

**PERFORMANCE OBSERVATIONS**

The inspector toured all three generating stations and the storage facility to observe the condition, posting and security of a selection of the licensee's gauges. Independent surveys in the vicinity of these gauges demonstrated compliance with public dose limits, while confirmatory surveys demonstrated the adequacy of the licensee's survey instruments and techniques. Through interviews and demonstrations, the inspector found the RSO to be knowledgeable of radiation protection principles, licensee procedures, and NRC requirements.

The inspector reviewed a selection of licensee records, including site-specific records for leak tests and shutter checks available at each station, as well as programmatic records such as audits and survey meter calibrations that were kept at the Valparaiso office. The inspector conducted additional in-office review to verify the adequacy of the licensee's leak test detection equipment.

No violations of NRC requirements were identified as a result of this inspection.