

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED: Board of Light & Power 2200 WRIGHT STREET MARGUETTE, MI 49855 REPORT NUMBER(S) 2012-001	2. NRC/REGIONAL OFFICE USNRC REGIONAL 2400 WARRENVILLE RD LIBERTY, IL 60533
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3. DOCKET NUMBER(S) 030-18052	4. LICENSEE NUMBER(S) 21-20174-01	5. DATE(S) OF INSPECTION 1/5/12
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**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, NUREG-1600, 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. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11

**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	E. L. KOLZER	E. L. Kolzer	1/6/12
Branch Chief	TAMARA BLOOMER	T. Bloomer	1/13/12

**Docket File Information**  
**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  Board of Light and Power City of Marquette Marquette, MI 49855  REPORT NUMBER(S) 2012-001	2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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3. DOCKET NUMBER(S)  030-18052	4. LICENSE NUMBER(S)  21-20174-01	5. DATE(S) OF INSPECTION  1/5/2012
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6. INSPECTION PROCEDURES USED  87124	7. INSPECTION FOCUS AREAS  03.01-03.07
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  03120	2. PRIORITY  5	3. LICENSEE CONTACT  Erik Brook	4. TELEPHONE NUMBER  (906) 228-0335
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Main Office Inspection                      Next Inspection Date: 1/2017

Field Office Inspection

Temporary Job Site Inspection

**PROGRAM SCOPE**

The licensee is a coal fired power plant. The licensee possesses 17 specifically licensed fixed gauges used for level measurement in hoppers. Currently, the RSO is the only individual involved with use and oversight of the devices. The gauges contain between 20 -100 millicuries of Cs-137 in sealed sources. The facility is considering use of nonradioactive alternatives. Gauges are leak tested at six-month and three-year frequencies in accordance with manufacturers specifications. Inventories and shutter checks are performed at required frequencies.

The licensee is authorized to remove and/or relocate gauges, however, according to the RSO, gauges are relocated, removed, etc. by the manufacturer. The licensee does not perform any service or maintenance activities on its gauges; these services are performed by the manufacturer.

**Performance Observations**

The inspector toured the facility and observed approximately 12 gauges in conjunction with the licensee's current inventory. Proper lock-out and leak test procedures were also adequately described. Interviews conducted with plant workers revealed that under no circumstances would a vessel be entered without RSO supervision of lock-out/tag-out procedures.