NRC FORM 591M PART 1
(10-2003)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:	2. NRC/REGIONAL OFFICE
Consumers Energy Company, Weadock Plant 212 W. Michigan Avenue Jackson, MI 49201 REPORT 2007-001	REGION III US NUCLEAR REGULATORY COMMISSION 2443 WARRENVILLE ROAD, SUITE 210 LISLE, ILLINOIS 60532

3. DOCKET NUMBER(S)	4. LICENSEE NUMBER(S)	5. DATE(S) OF INSPECTION
030-18031	21-08606	June 5, 2007

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:

[X] 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) was/were discussed involving the following requirement(s) and Corrective Action(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.**
(Violations and Corrective Actions)

Licensee's Statement of Corrective Actions for Item 4, above.

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	Ed Kulzer	Ed Kulzer	June 5, 2007

NRC FORM 591M PART 3 (10-2003) 10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

Docket File Information

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE	2. NRC/REGIONAL OFFICE
Consumers Energy Company	**Region III**
REPORT 2007-001	

3. DOCKET NUMBER(S)	4. LICENSE NUMBER(S)	5. DATE(S) OF INSPECTION
030-18031	21-08606-10	June 5, 2007

6. INSPECTION PROCEDURES USED	7. INSPECTION FOCUS AREAS
87124	03.01 - 03.07

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)	2. PRIORITY	3. LICENSEE CONTACT	4. TELEPHONE NUMBER
03120	5	John Merril	517.788.7104

[x] Main Office Inspection — Next Inspection Date: June 2012

[ ] Field

[ ] Temporary Job Site Inspection

PROGRAM SCOPE

The licensee is a fossil fuel (coal) plant that employs 400 individuals. The licensee possesses eight specifically fixed gauges used in the facility for detection of coal fly ash. The gauges were installed in the precipitator dust bin, within Units 7 and 8, at a height of 15-20 feet above ground. Gauges are leak tested at three year frequencies in accordance with manufacturers specifications. Inventories and shutter checks are performed at required frequencies.

The licensee is not authorized to remove and/or relocate gauges. The manufacturer relocates and removes, gauges. The licensee does not perform any service or maintenance activities on its gauges; these services are performed by the manufacturer.

Performance Observations

The plant facility was toured and the gauges were observed. Proper lock-out and leak test procedures were also adequately described. During the inspection the inspector observed the computer alarm screen which showed red for all eight gauges which meant that these gauges were locked out. However, while observing this screen one of the gauges on Unit 7 changed from red to green meaning the unit was no longer locked out.

The inspector then observed all eight gauges and determined that all were supposed to be locked out. The facility had been shut down since June 1, 2007, with maintenance workers sand blasting the inside of the fly ash bins. Maintenance workers were able to determine that the shutter on gauge in question was in the open position and was promptly closed. The maintenance workers then check the remaining gauges and found all seven shutters in the closed position.

The RSO questioned plant personnel and determined that during this time period only one contract worker had been exposed to this gauge and through reconstruction, the estimated maximum exposure would be 8 mR for the length of time spent at this bin.

The RSO has since contacted licensed personnel who will inspect and repair these shutters. In the interim the licensee will monitor all entries into these tanks with survey meters to ensure that the shutters have closed. The licensee informed the inspector that no entry is anticipated in these tanks for at least six months.

The licensee had performed the required shutter checks, and followed their lock-out/tag-out procedure. The RSO stated that this was the only facility that still had these gauges and that the gauges would be replaced.