

Indiana Michigan Power
A Unit of American Electric Power
Rockport Plant
2791 North US Hwy 231
Rockport, IN 47635

Sent via USPS Certified Mail

June 7, 2010

Division of Nuclear Materials Safety
United States Nuclear Regulatory Commission
Region III
2443 Warrenville Road
Lisle, IL 60532-4352

Re: Event Number: 45842 of April 15, 2010
GL Registration Number: GL-704402-14

Dear Sir or Madam:

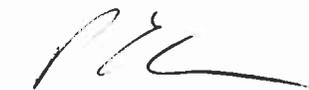
This is the 2nd written follow-up report submitted in accordance with 10 CFR 30.50(b)(2) Safety Equipment Failure. On Sunday, April 11, 2010 at approximately 0813 hrs (CDT), two of three dust collector ducts failed on Unit 2 at the I&M Rockport coal fired electric power plant. This resulted in the release of boiler gas in excess of 700 F which caused several small fires of combustible equipment and material. Damage also included the rubber sheath covering a remote control cable that opens and closes one of the nuclear device shutters. The cable was mounted to the number 3 & 4 hopper. There was no visible damage to the shutter mechanism or to the nuclear device, only to the remote shutter release cable.

A service technician from Thermo-Fisher is scheduled to come on Tuesday, June 8, 2010 to make repairs to the remote control cable that was damaged during the above referenced event. We have purchased three (3) Ohmart Vega transmitters, Vegacap model 67 for this application and will be installing them later this week.

The tentative date for restart of Unit 2 is Tuesday, June 15, 2010. Our plan is to operate both types of level detectors (Nuclear and Capacitor) for comparison. If the newly purchased Vega capacitance type level detectors provide the necessary information we will make arrangements to deactivate and remove the nuclear level detectors. This will be done using an approved and authorized manufacturer's representative. Upon doing so we will also make the required notifications in accordance with Federal law.

If you have any further questions, please call my cell phone at (812) 393 – 9128.

Thank You,



Philip C. Casper
Safety & Health Manager
Assistant Radiation Safety Officer

Cc: U.S. Nuclear Regulatory Commission
Joe Beer, AEP RSO

RECEIVED JUN 15 2010