

From: Tam, Peter
Sent: Wednesday, July 18, 2012 3:29 PM
To: 'hletheridge@aep.com'; mkscarpello@aep.com; 'jrwaters@aep.com'
Cc: Yoder, Matthew; Kulesa, Gloria; Frankl, Istvan
Subject: D. C. Cook Unit 1 - Draft RAI on the 2011 steam generator tube inspection report

Helen:

By letter dated April 17, 2012 (Accession No. ML12124A314), Indiana Michigan Power Company submitted information summarizing the results of the 2011 steam generator tube inspections at Donald C. Cook Unit 1. The NRC staff is reviewing that report and found that additional information is needed as follows:

- (1) The report indicated that no erosion or degradation was observed on any of the primary or secondary separators inspected. Please clarify whether any degradation was observed on any of the other secondary side components inspected during the outage.
- (2) Page 4 of the report indicated that the tube in row 33, column 57 had a wear indication attributed to a foreign object. Page 7 does not list this tube as a tube that was plugged; however, this page indicated that the tube in row 66, column 57 was plugged. Please clarify which tube had an indication attributed to a foreign object and indicate whether this tube was stabilized/plugged.
- (3) There were three tubes in steam generator 13 that were plugged to bound a foreign object that could not be removed. Presumably these tubes had no detected wear. Please discuss the basis for not stabilizing these tubes. Please discuss your long-term plans for ensuring that these tubes will not cause a loss of tube integrity in adjacent inservice tubes (since tube wear could potentially initiate in these tubes since the foreign object has not been removed and may lead to severance of these tubes).
- (4) Please discuss whether any tubes were detected that were in close proximity to other tubes and whether any wear was detected in these tubes (including wear at the lattice grids/anti-vibration bars).

You may choose to accept this e-mail as conveying a formal RAI and respond to the questions above by August 31, 2012, or you may request to discuss with the NRC staff in a conference call the contents of this draft RAI and proposed formal response date.

Peter S. Tam

Senior Project Manager
(for D. C. Cook and Monticello)
Plant Licensing Branch III-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Tel. 301-415-1451