

**From:** Peter Tam  
**Sent:** Monday, June 09, 2008 8:23 AM  
**To:** mkscarpello@aep.com; James Petro  
**Cc:** Emma Wong; Lois James  
**Subject:** D. C. Cook Unit 2 - Draft RAI on the 2007 steam generator inspections (TAC MD8397)

Jim, Michael:

We received and reviewed your 3/18/08 submittal on the 2007 steam generator inspections. Our reviewer Emma Wong has written the following draft RAI questions, which we would like to discuss with you in a telephone conference in the near future. However, with or without the conference, we plan to formally issue the questions around 6/30/08.

- (1) I&M mentioned that at the time of the 2007 inspection, the steam generators (SGs) had operated for 132.6 effective full power months (EFPM). Please clarify this statement by providing the following information: For each refueling outage and steam generator tube inspection outage since the replacement of your steam generators, please provide the cumulative EFPM that the SGs have operated.
- (2) I&M indicated that no abnormal conditions were identified during the inspection of the steam drum area (including the feedring, J-nozzles, and moisture separator units). Please discuss whether any degradation was observed during these inspections.
- (3) Please discuss the results of I&M's foreign object search and retrieval efforts. If any loose parts were left in the SG, please discuss whether I&M confirmed that it was acceptable (from a tube integrity standpoint) to leave these loose parts in the steam generator.
- (4) Please confirm that the condition monitoring limit for wear at the tube support plate is 41-percent through-wall (which would indicate that such indications may need to be plugged at through-wall depths much less than the technical specification repair criteria).
- (5) I&M indicated that no active degradation (as defined by the Electric Power Research Institute) was identified during the 2007 inspections. In addition, I&M indicated that the "indications of interest were limited to seven support plate wear indications." Please discuss whether any degradation/flaws (other than the seven support plate wear indications) were observed.

**The sole purpose of this e-mail is to convey the questions in draft form to prepare you and others for the proposed telephone conference. This e-mail does not formally convey an NRC staff position, and does not formally request for information.**

Peter S. Tam, Senior Project Manager  
Plant Licensing Branch 3-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

---

## E-mail Properties

Mail Envelope Properties (C56E360E9D804F4B95BC673F886381E71442579167)

Subject: D. C. Cook Unit 2 - Draft RAI on the 2007 steam generator inspections (TAC MD8397)  
Sent Date: 06/09/2008 8:22:54 AM  
Received Date: 06/09/2008 8:22:00 AM  
From: Peter Tam

Created By: Peter.Tam@nrc.gov

### Recipients:

mkscarpello@aep.com (mkscarpello@aep.com)  
Tracking Status: None  
jmpetro@aep.com (James Petro)  
Tracking Status: None  
Emma.Wong@nrc.gov (Emma Wong)  
Tracking Status: None  
Lois.James@nrc.gov (Lois James)  
Tracking Status: None

Post Office:  
HQCLSTR02.nrc.gov

Files	Size	Date & Time
MESSAGE	13036	06/09/2008

### Options

Expiration Date:  
Priority: olImportanceNormal  
ReplyRequested: False  
Return Notification: False

Sensitivity: olNormal  
Recipients received: