

From: Chawla, Mahesh
Sent: Wednesday, August 12, 2020 3:45 PM
To: Elwood, Thomas B
Cc: Dixon-Herrity, Jennifer; Bloom, Steven; Klein, Paul; Makar, Gregory; Johnson, Andrew; Terry, Leslie; Galvin, Dennis; O'Keefe, Neil; Bradley, Dan; Janicki, Steve; Melfi, Jim; Ashley, Clinton; Cusumano, Victor
Subject: REVISED - FINAL - Request for Additional Information - Callaway Plant, Unit 1
- Request for On-Time License Amendment to defer upcoming Steam Generator Inspection - EPID L-2020-LLA-0142 [COVID-19]

Dear Mr. Elwood,

During a verbal conversation today, you informed us that the second RAI was missing from the email request sent on August 7, 2020. The second RAI was part of the draft request sent to you on July 30, 2020, but was inadvertently left out from the final request. So in order to correct this administrative error, I am resending this email as the final RAI request. Thanks

By letter dated June 26, 2020 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML20178A668)), you submitted a one-time license amendment request (LAR) for Callaway Plant, Unit 1, for deferral of steam generator tube inspection (eddy current testing) currently scheduled to be performed during Refuel Outage (RFO) 24 in October 2020, to RFO 25, which is scheduled for the spring of 2022. On July 21, 2020 (ADAMS Accession No. ML20203M328), you replaced the proprietary attachment for the subject document. The U.S. Nuclear Regulatory Commission (NRC) staff is reviewing the application and has determined that the following additional information is required in order to complete the review of the subject LAR.

**Request for Additional
Information**

1. Section 5.1.3 of Attachment 2 discusses the treatment of new wear indications at the tube antivibration bar (AVB) locations. The analysis conservatively predicts over 700 total new indications at 1R25 that are introduced in two populations at different intervals after 1R21.
 - a. Please discuss how the number of new indications are apportioned between the two populations and the basis for those numbers.
 - b. Please provide an updated Figure 5-2 that also includes the 1R18 new indication depth distribution. Discuss why the new indication deferral distribution sampled in the analysis shown in Figure 5-2 is expected to be representative or conservative.
2. Table 3-4, Section 4.2.1, and Section 5.4 of the operational assessment describe the inspections performed with bobbin and array probes to detect foreign objects. The array probes were used in certain areas of the hot leg periphery and no tube lane to supplement the 100 percent bobbin probe inspection. Please discuss the

reasoning behind supplemental array probe inspection in the hot leg only, in terms of probability of foreign object wear in the hot leg or cold leg tubes.

In response to the draft RAI sent to you on July 30, 2020, you stated that you do not require a clarification call with NRC staff to discuss the requested information. You have also agreed to provide response to this request on the docket no later than 30 days from the receipt of this email. In case of any further questions, please contact me. Thanks

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