

## NRR-PMDAPEm Resource

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**From:** Miller, Ed  
**Sent:** Monday, April 06, 2015 2:51 PM  
**To:** 'lawrence.rudy@duke-energy.com'  
**Subject:** Draft RAI for SG Inspection Report  
**Attachments:** MF5459 Draft RAI.docx

Larry,

The NRC staff's draft RAI for the September 25, 2014, SG inspection report is attached to this e-mail. The draft RAI is not an official NRC staff request and is being provided to you to facilitate a subsequent conference call to determine: 1) If the questions clearly convey the NRC staff information needs; 2) Whether the regulatory basis for the questions is understood; 3) Whether the information is already available in existing, docketed, correspondence; and 4) To determine an appropriate response time-frame. After you've had a chance to review the draft information request, please contact me to schedule the conference call.

Ed Miller  
(301) 415-2481

**Hearing Identifier:** NRR\_PMDA  
**Email Number:** 1975

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**From:** Miller, Ed

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DRAFT REQUEST FOR ADDITIONAL INFORMATION  
CATAWBA NUCLEAR STATION UNIT 1  
SPRING 2014 STEAM GENERATOR TUBE INSPECTIONS  
TAC NO.MF5459  
DOCKET No. 50-413

By letter dated September 25, 2014 (Agencywide Documents Access and Management System Accession No. ML14273A440) Duke Energy Carolinas, LLC (the licensee), submitted information summarizing the results of the spring 2014 steam generator (SG) tube inspections at Catawba Nuclear Station, Unit 1. These inspections were performed during refueling outage 21 (RFO 21). In order to complete its review, the U.S. Nuclear Regulatory Commission staff requests the following additional information:

1. Please discuss the scope and results of any secondary side inspections.
2. The two tubes reported to have indications greater than 20 inches from a tube support plate (TSP) are both in SG D (row 109, column 54 and row 63, column 90). Are the wear indications attributed to foreign objects? If not, please clarify the nature of the indications in these tubes and identify the tubes with foreign object wear.
3. Please confirm that the following numbers of indications were identified during RFO 21:
  - a. 31 fan bar wear indications (FB) in 29 tubes and 1 TSP wear indication in 1 tube in SG A;
  - b. 33 FB wear indications in 22 tubes and 1 TSP wear indication in 1 tube in SG B;
  - c. 118 FB wear indications in 77 tubes and 2 TSP wear indications in 2 tubes in SG C; and
  - d. 66 FB wear indications in 53 tubes, 1 TSP wear indication in 1 tube, and 2 loose part wear indications in 2 tubes in SG D.

ENCLOSURE