



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

May 5, 2015

Mr. Kelvin Henderson
Site Vice President
Catawba Nuclear Station
Duke Energy Carolinas, LLC
4800 Concord Road
York, NC 29745

SUBJECT: CATAWBA NUCLEAR STATION, UNIT 1: SPRING 2014 STEAM GENERATOR
TUBE INSPECTION REPORT, UNIT 1 (TAC NO. MF5459)

Dear Mr. Henderson,

By letter dated September 25, 2014 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML14273A440), Duke Energy Carolinas, LLC, 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.

The U.S. Nuclear Regulatory Commission (NRC) staff has reviewed the submittal and determined that additional information is needed in order to complete the NRC staff's review. Enclosure 1 describes this request for additional information (RAI). In a teleconference on April 30, 2015, Duke staff agreed to a response of 30 days from the date of this letter.

If you have any questions, please call me at 301-415-2481.

Sincerely,

A handwritten signature in black ink, appearing to read "G. Edward Miller", is written over the word "Sincerely,".

G. Edward Miller, Project Manager
Plant Licensing Branch II-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-413

Enclosure: As stated

cc w/encl: Distribution via Listserv

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.¹~~

¹ In the conference call dated April 30, 2015, Duke staff identified that the requested information was contained in the report. No further information is requested with respect to this question.

Enclosure

May 5, 2015

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/RA/

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ADAMS Accession No. ML15124A775

***Via E-mail**

OFFICE	NRR/LPLI-1/PM	NRR/LPL2-1/LA	NRR/DE/ESGB	NRR/LPL2-1/BC	NRR/LPLI-1/PM
NAME	GEMiller	SFiguroa	GKulesa*	RPascarelli	GEMiller
DATE	05/05/15	05/05/15	04/03/15	05/05/15	05/05/15

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