



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

July 25, 2014

Mr. Fadi Diya
Senior Vice President and
Chief Nuclear Officer
Union Electric Company
P.O. Box 620
Fulton, MO 65251

SUBJECT: CALLAWAY PLANT, UNIT 1 – REQUEST FOR ADDITIONAL INFORMATION
RE: RELIEF REQUEST I3R-17, PROPOSED ALTERNATIVE TO ASME CODE,
SECTION XI REQUIREMENTS, WHICH EXTENDS REACTOR VESSEL
INSERVICE INSPECTION FREQUENCY FROM 10 YEARS TO 20 YEARS
(TAC NO. MF3876)

Dear Mr. Diya:

By application dated April 8, 2014 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML14098A428), to the U.S. Nuclear Regulatory Commission (NRC), Union Electric Company (dba Ameren Missouri, the licensee) submitted a relief request to provide an alternative to the American Society of Mechanical Engineers Boiler and Pressure Vessel Code (ASME Code), Section XI, "Rules and Inservice Inspection of Nuclear Power Plant Components," for Callaway Plant, Unit 1. The ASME Code Edition and Addenda applicable to Callaway's third 10-year inservice inspection interval is the 1998 Edition with 2000 Addenda, which extends the reactor vessel inservice inspection frequency from 10 to 20 years.

The NRC staff has determined that additional information, as requested in the enclosure, is needed to complete its review. Please provide a response to the questions within 30 days of the date of this letter. If circumstances result in the need to revise the requested response date, please contact me at 301-415-2296 or via e-mail at Fred.Lyon@nrc.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "CF Lyon", is placed below the word "Sincerely,".

Carl F. Lyon, Project Manager
Plant Licensing Branch IV-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-483

Enclosure:
Request for Additional Information

cc w/encl: Distribution via Listserv

REQUEST FOR ADDITIONAL INFORMATION
RELIEF REQUEST TO EXTEND REACTOR VESSEL
INSERVICE INSPECTION FREQUENCY
UNION ELECTRIC COMPANY
CALLAWAY UNIT 1
DOCKET NO. 50-483

By application dated April 8, 2014 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML14098A428), to the U.S. Nuclear Regulatory Commission (NRC), Union Electric Company (dba Ameren Missouri, the licensee) submitted a relief request to provide an alternative to the American Society of Mechanical Engineers Boiler and Pressure Vessel Code (ASME Code), Section XI, "Rules and Inservice Inspection of Nuclear Power Plant Components," for Callaway Plant, Unit 1.

The NRC staff has determined that additional information, as listed below is needed to complete its review:

1. Please confirm that the next ASME Code-required volumetric examination of category B-A and B-D welds must be performed by the end of the extended third inservice inspection interval (December 18, 2024).
2. Please provide the linear inches for the last weld inspection. Also, please provide the actual area of plate inspected during the last weld inspection.
3. In the license renewal application dated December 15, 2011 (ADAMS Accession No. ML113530374), page 4.2-9, the value of $RT_{NDT(U)}$ of "Nozzle Shell to Intermediate Shell Weld Seam" is different from the value in this relief request. Please explain this discrepancy.

Enclosure

July 25, 2014

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Sincerely,

/RA/

Carl F. Lyon, Project Manager
Plant Licensing Branch IV-1
Division of Operating Reactor Licensing
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ADAMS Accession No.: ML14203A063

*email dated July 10, 2014

OFFICE	NRR/DORL/LPL4/PM	NRR/DORL/LPL4/PM	NRR/DORL/LPL4/LA
NAME	EMitchell	FLyon	JBurkhardt
DATE	7/16/14	7/24/14	7/22/14
OFFICE	NRR/DE/EVIB/BC*	NRR/DORL/LPL4/BC	NRR/DORL/LPL4/PM
NAME	SRosenberg	MMarkley (PBamford for)	FLyon
DATE	7/10/14	7/25/14	7/25/14

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