NRR-PMDAPEm Resource

From: Barillas, Martha
Sent: Friday, October 21, 2016 2:42 PM
To: Tanya.Hamilton@duke-energy.com; 'Benjamin.Waldrep@duke-energy.com'; Caves, John; McDaniel, Sarah A
Cc: Dion, Jeanne; Hon, Andrew; Barillas, Martha; Alley, David; Tsao, John
Subject: Shearon Harris Nuclear Power Plant, Unit 1, RR I3R-16 RVCH Nozzle Repair Technique, ISI Program, Third Ten-Year Interval-Acceptance for Review

SUBJECT: SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1– ACCEPTANCE OF REQUESTED RELIEF REQUEST I3R-16, REACTOR VESSEL CLOSURE HEAD NOZZLE REPAIR TECHNIQUE, INSERVICE INSPECTION PROGRAM, THIRD TEN-YEAR INTERVAL (CAC NO. MF8487)

Dear Ms. Hamilton:

By letter dated October 19, 2016 (Agencywide Documents Access and Management System (ADAMS Accession No. ML16294A218, Duke Energy Progress, LLC (Duke Energy) submitted a relief request (RR) I3R-16 for Shearon Harris Nuclear Power Plant, Unit 1. The RR I3R-16 requests to use an alternate method in accordance with the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, to do the repair of flaw indications detected during the Inservice Inspection (ISI) program ultrasonic examination of the reactor vessel closure head penetration nozzles 30, 40, and 51. The purpose of this e-mail is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of RR I3R-16. The acceptance review was performed to determine if there is sufficient technical information in scope and depth to allow the NRC staff to complete its detailed technical review. The acceptance review is also intended to identify whether the application has any readily apparent information insufficiencies in its characterization of the regulatory requirements or the licensing basis of the plant.

Pursuant to Section 50.55a(a)(z)(i) of Title 10 of the *Code of Federal Regulations* (10 CFR), the applicant shall demonstrate that the proposed alternatives would provide an acceptable level of quality and safety, or that compliance with the specified requirements of Section 50.55a would result in hardship or unusual difficulty without a compensating increase in the level of quality or safety.

The NRC staff has reviewed your application and concluded that it does provide technical information in sufficient detail to enable the NRC staff to complete its detailed technical review and make an independent assessment regarding the acceptability of the proposed amendment in terms of regulatory requirements and the protection of public health and safety and the environment. Given the lesser scope and depth of the acceptance review as compared to the detailed technical review, there may be instances in which issues that impact the NRC staff's ability to complete the detailed technical review are identified despite completion of an adequate acceptance review. You will be advised of any further information needed to support the NRC staff's detailed technical review by separate correspondence.

Based on the information provided in your submittal, the NRC staff has estimated that this licensing request will take approximately 180 hours to complete. The NRC staff expects to complete this review in approximately 12 months, which is October 2017. Duke Energy requested approval of this request by October 28, 2016, to support startup from the current refueling outage. On rare occasion, the NRC staff may grant verbal authorization as an alternative when, due to unforeseen circumstances, the licensees need NRC authorization before the staff is able to issue its written SE. Thus, Duke Energy's requested approval date is under consideration.

If there are emergent complexities or challenges in our review that would cause changes to the initial forecasted completion date or significant changes in the forecasted hours, the reasons for the changes, along

with the new estimates, will be communicated during the routine interactions with the assigned project manager.

These estimates are based on the NRC staff's initial review of the application and they could change, due to several factors including requests for additional information, unanticipated addition of scope to the review, and review by NRC advisory committees or hearing-related activities. Additional delay may occur if the submittal is provided to the NRC in advance or in parallel with industry program initiatives or pilot applications.

If you have any questions, please contact the Shearon Harris Nuclear Power Plant, Unit 1 Project Manager, Martha Barillas, at (301) 415-2760.

Respectfully,

Martha Barillas
Project Manager
Shearon Harris Nuclear Power Plant, Unit 1
NRR/DORL/Licensing Branch II-2
US Nuclear Regulatory Commission
301-415-2760

Hearing Identifier: NRR_PMDA
Email Number: 3120

Mail Envelope Properties (76eef0f39548462c9d6c1558d78678b7)

Subject: Shearon Harris Nuclear Power Plant, Unit 1, RR I3R-16 RVCH Nozzle Repair Technique, ISI Program, Third Ten-Year Interval-Acceptance for Review
Sent Date: 10/21/2016 2:42:24 PM
Received Date: 10/21/2016 2:42:25 PM
From: Barillas, Martha

Created By: Martha.Barillas@nrc.gov

Recipients:
"Dion, Jeanne" <Jeanne.Dion@nrc.gov>
Tracking Status: None
"Hon, Andrew" <Andrew.Hon@nrc.gov>
Tracking Status: None
"Barillas, Martha" <Martha.Barillas@nrc.gov>
Tracking Status: None
"Alley, David" <David.Alley@nrc.gov>
Tracking Status: None
"Tsao, John" <John.Tsao@nrc.gov>
Tracking Status: None
"Tanya.Hamilton@duke-energy.com" <Tanya.Hamilton@duke-energy.com>
Tracking Status: None
"'Benjamin.Waldrep@duke-energy.com'" <Benjamin.Waldrep@duke-energy.com>
Tracking Status: None
"Caves, John" <John.Caves@duke-energy.com>
Tracking Status: None
"McDaniel, Sarah A" <Sarah.McDaniel@duke-energy.com>
Tracking Status: None

Post Office: HQPWMSMRS06.nrc.gov

Files	**Size**	**Date & Time**
MESSAGE	4374	10/21/2016 2:42:25 PM

Options
Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received: