

From: [Collins, Brendan](#)
To: ["Browder, Richard L."](#)
Subject: MCGUIRE NUCLEAR STATION - NOTIFICATION OF INSPECTION AND REQUEST FOR INFORMATION
Date: Friday, April 10, 2020 11:45:21 AM
Attachments: [MCG LR P2 2020012 RFI.docx](#)

Richard –

Attached is the License Renewal Phase 2 Request for Information letter.
Please let me know if there are any questions.

Note: Obviously with the COVID-19 response ongoing, we face some uncertainty in terms of the logistics of inspections. Right now, we are conducting inspections remotely from ATL (via telework at home). There is a possibility that this may occur for the upcoming McGuire LR Phase 2 inspection as well. Should that decision be made, I'll communicate it to you as soon as possible, and we can coordinate how best to work through the challenges.

Thanks,

Brendan Collins
Senior Reactor Inspector
USNRC Region II

**REQUEST FOR INFORMATION
POST-APPROVAL INSPECTION FOR LICENSE RENEWAL – PHASE II**

Site: McGuire Nuclear Station, Units 1 and 2

Docket No.: 05000369 & 05000370

Inspection Dates: June 1 - 5 & June 15 - 19, 2020

Entrance Meeting June 1, 2020

Inspection Procedure: IP 71003, "Post-Approval Site Inspection for License Renewal" dated July 01, 2016

Inspectors: Brendan Collins, Sr. Reactor Inspector (Lead)
Steven Downey, Sr. Reactor Inspector
Alexander Butcavage, Reactor Inspector
Paula Cooper, Reactor Inspector
Shiattin Makor, Reactor Inspector
(potential 6th inspector TBD)

The following information should be made available to the inspection team in hard copy or electronic format upon arrival to the site. Due to differences in license conditions and regulatory commitments among operating reactor sites associated with the license renewal process, the information requested below may not be entirely applicable to McGuire Nuclear Station.

The information listed in Section 'A' of this enclosure is not aimed to a particular regulatory commitment, license condition, aging management program (AMP), or time-limited aging analysis (TLAA). Section 'A' requests general information that will help the inspectors to understand the applicable administrative procedures and overall completion status of license renewal activities. Prior to the inspection, the lead inspector will select a sample of regulatory commitments, license conditions, and AMPs for review, including TLAAs. The information listed in Section 'B' of this enclosure should be provided for each item selected for review. If there are any questions regarding this information request, please contact the lead inspector as soon as possible.

A. General Information Request (As Applicable)

- (1) Sections of the quality assurance program manual applicable to license renewal activities
- (2) Corrective Action Program (CAP) procedures
- (3) Regulatory Commitment Change Process procedures
- (4) Operating Experience (OE) Program procedures
- (5) Latest version of the updated final safety analysis report (UFSAR) supplement for license renewal submitted with the license renewal application (LRA).

- (6) Last version of the UFSAR supplement for license renewal submitted to the NRC per 10 CFR 50.71.
- (7) Living version of the UFSAR supplement for license renewal
- (8) Post-approval evaluations or assessments performed to verify that in-scope structures, systems, or components (SSCs) were not excluded from the LRA and appropriate aging management has been considered in accordance with 10CFR 54.37(b)
- (9) List of plant modifications with a brief description of the modification scope that were approved and/or implemented from the date the LRA was submitted to the date the renewed license was issued
- (10) Self-assessments performed after the renewed license was issued associated with the implementation of license renewal commitments, including AMPs and TLAAs
- (11) "Gap analyses" performed to assess the differences between the current AMPs and the recommendations in the latest revision of NUREG-1801, "Generic Aging Lessons Learned (GALL)," and subsequent Interim Staff Guidance
- (12) Site-specific responses and/or evaluations for NRC generic communications associated with license renewal that were issued after the renewed license was granted
- (13) Description of the overall completion status of action items associated with license renewal commitments, including AMPs and TLAAs
- (14) Description of administrative controls that will be used to ensure that all activities due prior to (and during) the period of extended operation (PEO) will be satisfactorily completed as described in the license renewal documents
- (15) Description of plans or processes that would be used during the PEO to continuously incorporate operating experience into license renewal activities

B. Specific Requests for each License Renewal Commitment Selected for Review, including AMPs and TLAAs (As Applicable)

- (1) Program basis documents and administrative procedures describing key program attributes such as program objectives, scope, detection and monitoring methods, administrative controls, acceptance criteria, corrective actions, and scope expansion requirements
- (2) Implementing procedures for program activities (e.g. visual examination procedures, ultrasonic examination procedures, maintenance procedures, system walkdowns, etc)
- (3) Updated license renewal scoping drawings showing the SSCs within the scope of the AMP
- (4) Applicable sections of the LRA
- (5) Applicable requests for additional information (RAIs) issued by NRC's technical reviewers during the review of the LRA and corresponding responses

- (6) Applicable sections of the NRC's safety evaluation report
- (7) Copy or ready access to the key industry standards that will be followed during the PEO for the implementation of the program (e.g. American Society of Mechanical Engineers Boiler and Pressure Vessel Code, Electric Power Research Institute Guidelines, Nuclear Energy Institute Guidelines, etc.
- (8) Description of changes made to the license renewal commitment, including the associated technical and regulatory evaluations supporting the change.
- (9) Description of activities completed to meet license conditions, license renewal commitments, and the UFSAR. For example, this should include completed Work Orders (WOs) with associated inspection reports describing the work done and the results of the inspection.
- (10) Description of instances where examination scope expansion was required based on the initial examination of an SSC for license renewal. Please describe the logic to select the scope expansion, and any resulting changes to the AMP.
- (11) Description of instances where examination scope changes were required based on limitations encountered during the initial examination of an SSC for license renewal. Please describe the actions taken, and any resulting changes to the AMP.
- (12) Description of pending activities due prior to the PEO, which are necessary to meet license conditions, license renewal commitments, and the activities described in the UFSAR. For example, this may include a list of pending WOs with a brief description of the work to be performed.
- (13) Copy of any correspondence between the licensee and the NRC, after the license was issued, associated with regulatory issues affecting the license renewal commitment. For example, this may include notifications of commitment changes, or license amendment requests, affecting a license condition or a license renewal commitment.
- (14) List of CAP documents (e.g., Condition Reports) associated with the implementation of the AMP. This includes unacceptable aging effects identified during the implementation of license renewal activities, and programmatic deficiencies requiring resolution.
- (15) Copy of evaluations performed for applicable external and internal OE issues associated with license renewal. This request is limited to OE items issued after the renewed operating license was granted.

Inspector Contact Information:

Brendan Collins
Senior Reactor Inspector
404-997-4420
Brendan.Collins@nrc.gov

Mailing Address:

USNRC Region 2
Attn: Steven Downey
Marquis One Tower
245 Peachtree Center Avenue NE
Suite 1200
Atlanta, GA 30303

Enclosure