

From: [Ottenberg, Geoffrey](#)
To: jeff.thomas@duke-energy.com
Cc: [Ottenberg, Geoffrey](#)
Subject: Upcoming McGuire DBAI Programs (POV) Inspection
Date: Wednesday, March 04, 2020 8:27:00 AM
Attachments: [2020 MNS - POV Inspection Information Request.docx](#)
[McGuire POV Data.accdb](#)

Jeff,

It was nice speaking with you this morning. As we discussed, attached you will find a Word document containing a notification letter with some general details regarding the inspection, including the inspection procedure we will be using, the planned dates of the inspection, and the current inspection staffing. As we discussed, we can finalize the dates of the information gathering visit once you have greater certainty of your resource availability. The notification letter also contains an information request for general references the inspectors will need to prepare for the inspection, and it also requests valve-specific information indicated in the attached Access database. Please provide as much of the requested information as possible, if it is readily available.

Feel free to reach out to me with any questions you may have regarding anything related to the inspection (inspection procedure, information request, etc.) and I'll do my best to get any questions/concerns addressed. I'm looking forward to the inspection.

Thanks,
Geoff Ottenberg
Senior Reactor Inspector - Engineering Branch I
Division of Reactor Safety
U.S. Nuclear Regulatory Commission
404-997-4658
Geoffrey.Ottenberg@nrc.gov

**McGuire Nuclear Station - Design Bases Assurance Inspection (Programs)
Initial Information Request**

Inspection Procedure: 71111.21N, "Design Bases Assurance Inspection (Programs)," Attachment 21N.02, "Design-Basis Capability of Power-Operated Valves Under 10 CFR 50.55a Requirements," dated January 1, 2020 (ADAMS ML19067A240)

Inspection Dates: Information Gathering Visit: May 4-8, 2020
Preparation Week: June 15-19, 2020
Onsite Week 1: June 22-26, 2020
Onsite Week 2: July 6-10, 2020

Inspection Report: 05000369/2020010 AND 05000370/2020010
(Standalone Inspection Report)

Inspectors: G. Ottenberg (Lead/Mechanical), P. Braxton (Electrical), and N. Morgan (Mechanical)

The purpose of this letter is to notify you that three inspectors from Region II will conduct an inspection at your site in accordance with Inspection Procedure 71111.21N, "Design Bases Assurance Inspection (Programs)," Attachment 21N.02, "Design-Basis Capability of Power-Operated Valves Under 10 CFR 50.55a Requirements." This is not considered a team inspection. The inspection will evaluate the implementation of the programs regarding power operated valves (POVs) for compliance with 10 CFR 50.55a at the McGuire Nuclear Station. The inspectors will select samples of components that are risk significant and within the scope of the program.

On May 4, 2020, Mr. Geoffrey Ottenberg, a Senior Reactor Inspector from the NRC's Region II office, will begin the inspection with an information gathering visit to the site. The purpose of the visit is to become familiar with your program and procedures which are supposed to ensure your compliance with 10 CFR 50.55a for POVs. This will require meetings with members of your staff to discuss aspects of the program including any specific applicable regulatory commitments made by the site and your use of regulatory guides or industry standards. Additional information and documentation needed to support the inspection will be identified during the inspection, including interviews with engineering managers and engineers.

The enclosure lists documents that are needed prior to the information gathering visit. Please provide the referenced information to the Region II Office by April 27, 2020. Additional documents may be requested during the information gathering visit. The inspectors will try to minimize your administrative burden by specifically identifying only those documents required for inspection preparation. The additional information should be provided to the Inspectors in the Region II office by June 12, 2020. During the information gathering visit, Mr. Ottenberg will also discuss the following inspection support administrative details: (1) availability of knowledgeable plant engineering and licensing personnel to serve as points of contact during the inspection, (2) method of tracking inspector requests during the inspection, (3) licensee computer access, (4) working space, (5) arrangements for site access, and (6) other applicable information.

**INFORMATION REQUEST FOR MCGUIRE NUCLEAR STATION DESIGN BASES
ASSURANCE INSPECTION (PROGRAMS)
(10 CFR 50.55a POWER OPERATED VALVE PROGRAMS IMPLEMENTATION)**

Prior to the information gathering visit, please provide the information electronically in “.pdf” files, Excel, or other searchable format on CDROM (or FTP site, SharePoint, etc.). The CDROM (or website) should be indexed and hyperlinked to facilitate ease of use.

Contact Information: Geoffrey Ottenberg
(404) 997-4658
Geoffrey.Ottenberg@nrc.gov

Information Gathering Visit: An information gathering visit is currently scheduled the week of May 4, 2020. During this visit, we would like to identify the component samples for this inspection. We'd like to meet with valve specialists to discuss the upcoming inspection and our sample selection process. Purposes of the site visit are to: (a) discuss the scope of the planned inspection; (b) obtain advance information to review in preparation for the inspection; (c) ensure that the information to be reviewed is available at the beginning of the inspection; and (d) verify that logistical issues (such as obtaining both site and computer system access and arranging the location of the inspection team working area) will be resolved prior to inspector arrival. We would also like to discuss the processes the station uses to generate equipment setup parameters and test acceptance criteria from the station's design documents. Please reserve a room during the site visit. We request the room have a telephone, wireless internet access, and availability of station procedures, corrective action program documents, and a printer.

Logistics:

Information gathering visit: May 4-8, 2020

Onsite inspection weeks: June 22-26 and July 6-10, 2020

Please schedule an entrance meeting for around 2:30 p.m. on Monday, June 22, 2020 (approximately 15 minutes). The date and time of the exit meeting will be discussed at a later date. In addition, I'd like to have a daily debrief with your inspection support staff at a convenient time in the afternoons for both onsite inspection weeks (Time TBD, approximately 30 minutes).

We will need a conference room as workspace for the inspectors. We will also need an area available for conducting interviews.

Please provide access to your document system and Wi-Fi access.

During the information gathering visit, please provide info on (1) conference room location & phone number, (2) cafeteria location/hours, and (3) engineering staff normal working hours. Also, please let me know if there are any potential resource conflicts during our onsite week (Fridays off, EOP drills, management retreats) and we'll do our best to accommodate.

Team Members:

Geoffrey Ottenberg (Inspection Lead, Mechanical)
Pauline Braxton (Electrical)
Nadiyah Morgan (Mechanical)

Please verify the status of access authorization and remaining requirements for unescorted access for each inspector. Please provide me with a list of exceptions, and I will take action to address them.

Info Request:

1. A word-searchable current version of the station Updated Final Safety Analysis Report (UFSAR).
2. A word-searchable current version of the station Technical Specifications (TS).
3. All NRC correspondence regarding the station's response to Generic Letter (GL) 89-10 and GL 96-05, including any NRC requests for additional information (RAIs) and any NRC Safety Evaluation Report(s) associated with your site's MOV program. Include any NRC inspection reports that were conducted to close out your GL responses.
4. Any NRC correspondence regarding the station's commitments for the AOV program.
5. Site (and corporate if applicable) procedures associated with implementation of the MOV program required by 10 CFR 50.55a(b)(3)(ii) and/or ASME OM Code Mandatory Appendix III.
6. Site or Corporate AOV Program Document
7. List of corrective action documents related to the MOV and AOV programs since January 1, 2015. Please list CRs only affecting the programs (like issues with the program guidance, specifications, or procedures), not individual valves in the program.
8. List of modifications, repairs, or replacement of safety related power operated valves (motor, air, solenoid, hydraulic, and pyrotechnic operated) completed since January 1, 2015, including date completed.
9. Any self-assessments or QA assessments of the MOV/AOV programs (performed since January 1, 2015).
10. List of systems (system numbers/designators and corresponding names)
11. For the POVs in the accompanying database, please provide as much of the information in the database as is readily available and retrievable.

PAPERWORK REDUCTION ACT STATEMENT

This letter contains voluntary information collections that are subject to the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.). The Office of Management and Budget (OMB) approved these information collections (approval number 3150-0011). The burden to the public for these information collections is estimated to average 60 hours per response. Send comments regarding this information collection to the Information Services Branch, Office of the Chief Information Officer, Mail Stop: O-1F13, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to Infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0011) Office of Management and Budget, Washington, DC 20503.

Public Protection Notification

The NRC may not conduct nor sponsor, and a person is not required to respond to, a request for information or an information collection requirement unless the requesting document displays a currently valid OMB control number.