

**Catawba 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 October 9, 2020 (ADAMS ML20220A667)

Inspection Dates: Information Gathering Visit: April 11-15, 2022
Preparation Week: May 16-20, 2022
Onsite Week 1: May 23-27, 2022
Onsite Week 2: June 6-10, 2022

Inspection Report: 05000413, 414/2022010
(Standalone Inspection Report)

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

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 Catawba Nuclear Station. The inspectors will select samples of components that are risk significant and within the scope of the program.

On April 11, 2022, 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, if pandemic conditions allow. 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. Your processes for generating field instructions for POV switch settings and test acceptance criteria from design documents is also expected to be discussed. Plant walkdowns to observe the potential inspection sample are expected to occur during the information gathering visit, if a site visit is made.

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 4, 2022. 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 May 13, 2022. 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) computer access, (4) working space, (5) arrangements for site access, and (6) other applicable information.

**INFORMATION REQUEST FOR CATAWBA 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 April 11-15, 2022. 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. Assuming that a site visit will be completed, please reserve a room during the scheduled inspection dates. We request the room have a telephone, wireless internet access, and a licensee computer with access to procedures, corrective action program documents, and a printer.

Logistics:

Information gathering visit: April 11-15, 2022
Onsite inspection weeks: May 23-27 and June 6-10, 2022

Please schedule an entrance meeting for around 3:00 p.m. on Monday, May 23, 2022 (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 (preferably at least one computer in our conference room), nearby printers, 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 scheduled inspection weeks (Fridays off, EOP drills, management retreats) and we’ll do our best to accommodate.

Team Members:

Geoffrey Ottenberg (Inspection Lead, Mechanical)
Nadiyah Morgan (Mechanical)
TBD (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 Updated Final Safety Analysis Report (UFSAR), Technical Specifications (TS), TS Bases, and Selected Licensee Commitments document. If each document is not available in a single file, please ensure a collective table of contents is provided.
2. Indicate if the NRC has granted a license amendment to categorize structures, systems, and components in accordance with 10 CFR 50.69, and if so, please provide the risk-informed safety category of the POVs important to safety at the site.
3. All NRC correspondence regarding the station's response to Generic Letter (GL) 89-10, GL 95-07, 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 (if any). Please include any AOV-related regulatory commitments that are currently being tracked in the station's regulatory commitment management program.
5. Site (and corporate if applicable) procedures associated with implementation of the inservice testing (IST) program required by 10 CFR 50.55a
6. 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 (as applicable).
7. Site (and corporate if applicable) procedures associated with implementation of the AOV program.
8. List of corrective action documents related to the MOV and AOV programs since January 1, 2017. Please provide list of corrective action program reports that are applicable to programmatic aspects only- no need to provide them for individual valves in the programs.
9. List of modifications, repairs, or replacement of safety related power operated valves (motor, air, solenoid, hydraulic, and pyrotechnic operated) completed since January 1, 2017, including date completed.
10. Any self-assessments or QA assessments of the MOV/AOV programs (performed since January 1, 2017).
11. List of systems (system numbers/designators and corresponding names).
12. List of site contacts that will be associated with the inspection
13. For the POVs listed in the accompanying database, please fill in as much of the indicated data as possible and provide the database back to the inspectors.

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.