UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2056 WESTINGS AVENUE, SUITE 400
NAPERVILLE, IL 60563-2657

May 28, 2025

Terry Brown
Site Vice President
Vistra Operations Company, LLC
Davis-Besse Nuclear Power Station
5501 N. State Rte. 2, Mail Stop A–DB–3080
Oak Harbor, OH 43449–9760

SUBJECT: DAVIS-BESSE NUCLEAR POWER STATION–NOTIFICATION OF NRC REQUEST FOR INFORMATION FOR POST-APPROVAL SITE INSPECTION FOR LICENSE RENEWAL–PHASE IV; INSPECTION REPORT 05000346/2025011

Dear Terry Brown:

On July 14, 2025, the U.S. Nuclear Regulatory Commission (NRC) will begin an inspection in accordance with Inspection Procedure 71003 (Phase 4). This onsite inspection is scheduled to be performed July 14 – July 18, 2025, and July 28 – August 1, 2025.

The purpose of the inspection is to review the implementation of the Aging Management Program (AMP) elements during the Period of Extended Operation (PEO). The inspection team will select for review a sample of the site's AMPs.

This Request for Information is separated into three Sections (A, B and C). Section A lists the AMP samples selected by the lead inspector for this inspection. Based on these sample selections, the licensee will provide the additional information requested under Section B. This information will be used as part of the inspection preparation and implementation. Requests under Section C should be available to the inspectors during the on-site week of inspection. See the table below for specific dates:

Requested Action:	**Date:**
Section B Information	July 3, 2025
Section C Information	July 14, 2025

Experience has shown that this inspection is resource intensive both for the NRC inspectors and your staff. To minimize the impact to your onsite resources and to ensure a productive inspection, we have enclosed a request for documents needed for this inspection. It is important that these documents are current and complete to ensure efficiency.

We understand that our contact for this inspection will be Chad Atkinson (419-321-7844) of your organization. If there are any questions about this inspection or the material requested, please contact the lead inspector Benny Jose at benny.jose@nrc.gov or 630-829-9756.

This letter does not contain new or amended information collection requirements subject to the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.). Existing information collection requirements were approved by the Office of Management and Budget, Control Number 3150-0011. The NRC may not conduct or 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 Office of Management and Budget Control Number.

This letter and its enclosure will be made available for public inspection and copying at http://www.nrc.gov/reading-rm/adams.html and at the NRC Public Document Room in accordance with Title 10 of the *Code of Federal Regulations*, Part 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

Signed by Jose, Benny
on 05/28/25

Benny Jose, Senior Reactor Inspector
Engineering Branch 2
Division of Operating Reactor Safety

Docket No. 50–346
License No. NPF–3

Enclosure:
Document Request for License Renewal
Phase 4 Inspection

cc w/encl: Distribution via LISTSERV®

Letter to Terry Brown from Benny Jose dated May 28, 2025.

SUBJECT: DAVIS-BESSE NUCLEAR POWER STATION–NOTIFICATION OF NRC REQUEST FOR INFORMATION FOR POST-APPROVAL SITE INSPECTION FOR LICENSE RENEWAL–PHASE IV; INSPECTION REPORT 05000346/2025011

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DAVIS-BESSE NUCLEAR POWER STATION–REQUEST FOR INFORMATION FOR LICENSE RENEWAL INSPECTION (PHASE 4)

Inspection Procedure: IP 71003, "Post-Approval Site Inspection for License Renewal" (Phase 4)

Inspection Dates: July 14 – August 1, 2025

Inspection Report: 05000346/2025011

Lead Inspector: Benny Jose

On July 14, 2025, the U.S. Nuclear Regulatory Commission (NRC) will begin an inspection in accordance with Inspection Procedure 71003 (Phase 4). This onsite inspection is scheduled to be performed July 14 – July 18, 2025, and July 28 – August 1, 2025.

The purpose of the inspection is to review the implementation of the Aging Management Program (AMP) elements during the Period of Extended Operation (PEO). The inspection team will select for review a sample of the site's AMPs.

This Request for Information is separated into three Sections (A, B and C). Section A lists the AMP samples selected by the lead inspector for this inspection. Based on these sample selections, the licensee will provide the additional information requested under Section B. This information will be used as part of the inspection preparation and implementation. Requests under Section C should be available to the inspectors during the on-site week of inspection. See the table below for specific dates:

Requested Action:	**Date:**
Section B Information	July 3, 2025
Section C Information	July 14, 2025

A. AMP Samples Selected

(1) Aboveground Steel Tanks Inspection Program.

(2) Buried Piping and Tanks Inspection Program.

(3) External Surfaces Monitoring Program.

(4) Fire Protection Program.

(5) Fire Water Program.

(6) Inaccessible Medium Voltage Cables not Subject to 10 CFR 50.49, EQ Requirements Program.

(7) Leake Chase Monitoring Program.

(8) Masonry Wall Inspection Program.

(9) Nickel Alloy Management Program.

(10) Nickel Alloy Reactor Vessel Closure Head Nozzles Program.

(11) One Time Inspection Program.

(12) Open Cycle Cooling Water Program.

(13) Selective Leaching Inspection Program.

(14) Small Bore Class 1 Piping Inspection Program

(15) Structures Monitoring Program.

(16) Shield Building Monitoring Program.

B. Information Requested for <u>Each</u> AMP Selected for Review (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) Provide a summary document listing which implementing procedures are included in the selected AMP and what are their required performance frequency.

(3) Copies of implementing procedures for program activities (e.g., visual examination procedures, ultrasonic examination procedures, maintenance procedures, system walkdowns, etc.)

(4) Completed Work Orders (WOs) for the most recent aging management activities performed, including associated inspection and testing reports, as applicable. This request is limited to the last two completed activities (per procedure). If this request becomes too onerous based on the number of Work Orders, reach out to the lead inspector for additional scope clarification.

(5) Copies of aging related corrective actions documents associated with the selected AMP, and SSCs under its purview (for the last three years). A search of corrective action documents should include keywords such as: “aging,” “age management,” “degradation,” “wear,” “delamination,” “peeling,” “crazing,” “chipping,” “leak,” “crack,” “corrosion,” “rust,” “leaching,” “embrittlement,” “fatigue,” “blister,” “spalling,” “oxidation,” “loss of function,” “failed acceptance criteria,” “flow-accelerated,” or other site-specific terms/codes used in aging monitoring as appropriate.

(6) Updated license renewal scoping drawings showing the SSCs within the scope of the AMP.

(7) Any “gap analyses” performed to assess the differences between the current AMP and the recommendations in the latest revision of NUREG-1801, “Generic Aging Lessons Learned (GALL),” and subsequent Interim Staff Guidance.

(8) Copy of evaluations performed for applicable external and internal operating experience (OE) issues associated with license renewal. This request is limited to OE items issued after entering the PEO.

(9) Description of instances where examination scope expansion was required based on the examination of an SSC in accordance with the AMP. Please describe the logic to select the scope expansion, and any resulting changes to the AMP. (This request is limited to work performed in the PEO.)

(10) Description of instances where AMP examinations/inspections were eliminated or deferred. (This request is limited to work performed in the PEO.)

(11) Description of instances where examination/inspection scope changes were required based on limitations encountered during the examination. (This request is limited to work performed in the PEO.)

C. Information Requested to be Available During the Onsite Week of Inspection

(1) Provide a brief presentation (informal) to the inspection team regarding aging management at the site. Topics to be covered:

a. How are aging related issues identified, documented, and evaluated within the corrective action program and/or other aging tracking software/program.
b. Describe which individuals and/or organizations are responsible for identifying and evaluating aging related issues.
c. Describe the responsibilities regarding age management, if any, of the following:
    i. System/Strategic Engineers
    ii. AMP Owners
    iii. Corporate office

(2) Copy of simplified system drawings (a.k.a. Horse Notes or Training Notes).

(3) A computer with network access to the site’s corrective action program.