UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

July 09, 2026

Mr. Manu Sivaraman
Senior Vice President
New Nuclear and Transmission Projects
Tennessee Valley Authority
1101 Market Street
Chattanooga, TN 37402

SUBJECT: NUCLEAR REGULATORY COMMISSION INSPECTION REPORT OF TENNESSEE VALLEY AUTHORITY NO. 05000615/2026-201

Dear Mr. Sivaraman:

On June 1 - 5, 2026, the U.S. Nuclear Regulatory Commission (NRC) staff conducted a quality assurance (QA) implementation inspection at the Tennessee Valley Authority's (hereafter referred to as TVA) facility in Chattanooga, TN. The purpose of this limited-scope inspection was to assess TVA's compliance with the provisions of Title 10 of the *Code of Federal Regulations* (10 CFR) Part 21, "Reporting of Defects and Noncompliance," and selected portions of Appendix B, "Quality Assurance Program Criteria for Nuclear Power Plants and Fuel Reprocessing Plants," to 10 CFR Part 50, "Domestic Licensing of Production and Utilization Facilities."

This inspection specifically evaluated TVA's implementation of quality activities associated with the construction permit application for the Clinch River Nuclear Site. The enclosed report presents the results of the inspection. This NRC inspection report does not constitute NRC's endorsement of TVA's overall QA or 10 CFR Part 21 programs.

Within the scope of this inspection, no violations were identified.

In accordance with 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding," of the NRC's "Rules of Practice," the NRC will make available electronically for public inspection a copy of this letter and its enclosure through the NRC's Public Document Room or from the NRC's Agencywide Documents Access and Management System, which is accessible at http://www.nrc.gov/reading-rm/adams.html.

If you have any questions concerning this matter, please contact Mr. Yamir Diaz-Castillo of my staff at (301) 415-2228.

Docket No.: 05000615 EPID No.: I-2026-201-0023
Enclosures: Inspection Report No. 05000615/2026-201 and Attachment

Sincerely,

Douglas Bollock Signed by Douglas Bollock on 07/09/26
Douglas R. Bollock, Chief
Vendor and Quality Assurance Branch
Division of Reactor Inspection Support
Office of the Chief Nuclear Reactor Inspector

U.S. NUCLEAR REGULATORY COMMISSION
OFFICE OF THE CHIEF NUCLEAR REACTOR INSPECTOR
DIVISION OF REACTOR INSPECTION SUPPORT
QUALITY ASSURANCE IMPLEMENTATION INSPECTION REPORT

Docket No.:	05000615		
Report No.:	05000615/2026-201		
Vendor:	Tennessee Valley Authority 1101 Market Street Chattanooga, TN 37402		
Vendor Contact:	Ms. Mimi King-Patterson Senior Program Manager Phone: (423) 355-2853 Email: mnking@tva.gov		
Nuclear Industry Activity:	Tennessee Valley Authority submitted a construction permit application for the Clinch River Nuclear Site in Oak Ridge, TN.		
Inspection Dates:	June 1 - 5, 2026		
Inspectors:	Yamir Diaz-Castillo	CNRI/DRIS/VQAB	Team Leader
	Tiffany Lee	CNRI/DRIS/VQAB	Team Lead in Training
	Deanna Zhang	CNRI/DRIS/VQAB	
	Elias Haddad	CNRI/DRIS/VQAB	Trainee
Approved by:	Douglas R. Bollock, Chief Vendor and Quality Assurance Branch Division of Reactor Inspection Support Office of the Chief Nuclear Reactor Inspector		

The NRC inspection team concluded that TVA's QA policies and procedures comply with the applicable requirements of Appendix B to 10 CFR Part 50, and 10 CFR Part 21, and that TVA's personnel are implementing these policies and procedures effectively. The results of this inspection are summarized below.

Inspection Areas

The NRC inspection team determined that TVA established its programs for organization, design control, procurement document control, instructions, procedures, and drawings, supplier oversight, corrective actions, internal audits, and records, in accordance with the applicable regulatory requirements of Appendix B to 10 CFR Part 50. Based on the limited sample of documents reviewed and activities observed, the NRC inspection team also determined that TVA is implementing its policies and procedures associated with these programs. In addition, the NRC inspection team determined that TVA is implementing its 10 CFR Part 21 program for evaluating deviations and reporting defects that could create a substantial safety hazard in accordance with the applicable regulatory requirements. No findings of significance were identified in these areas.

REPORT DETAILS

1. 10 CFR Part 21 Program

   a. Inspection Scope

      The NRC inspection team reviewed Tennessee Valley Authority's (hereafter referred to as TVA) policies and implementing procedures that govern the implementation of its Title 10 of the *Code of Federal Regulations* (10 CFR) Part 21, "Reporting of Defects and Noncompliance," program to verify compliance with the regulatory requirements. The NRC inspection team evaluated TVA's 10 CFR Part 21 postings and a sample of TVA's purchase orders (POs) for compliance to the requirements of 10 CFR 21.6, "Posting Requirements," and 10 CFR 21.31, "Procurement Documents." The NRC inspection team also verified that TVA's corrective action procedure provides a link to the 10 CFR Part 21 program.

      At the time of the inspection, TVA has not performed any 10 CFR Part 21 evaluations associated with the construction permit application (CPA) for the Clinch River Nuclear Site. The NRC inspection team verified that TVA's 10 CFR Part 21 procedure contains the requirements for evaluating deviations and failures to comply and has adequate procedures for providing notification in accordance with the requirements of 10 CFR 21.21, as applicable. The NRC inspection team verified that TVA's Part 21 postings are conspicuously located where activities are conducted and included the information required from 10 CFR 21.6.

      The NRC inspection team also discussed the 10 CFR Part 21 program with TVA's management and technical staff. The attachment to this inspection report lists the documents reviewed and personnel interviewed by the NRC inspection team.

   b. Observations and Findings

      No findings of significance were identified.

   c. Conclusion

The NRC inspection team concluded that TVA is implementing its 10 CFR Part 21 program in accordance with the regulatory requirements of 10 CFR Part 21. Based on the limited sample of documents reviewed, the NRC inspection team also determined that TVA is implementing its policies and procedures associated with the 10 CFR Part 21 program. No findings of significance were identified.

2. Organization

a. Inspection Scope

The NRC inspection team reviewed TVA's policies and implementing procedures that govern the implementation of its organization program to verify compliance with the regulatory requirements of Criterion I, "Organization," of Appendix B, "Quality Assurance Criteria for Nuclear Power Plants and Fuel Reprocessing Plants," to 10 CFR Part 50, "Domestic Licensing of Production and Utilization Facilities."

The NRC inspection team reviewed TVA's organization to verify that TVA's quality assurance (QA) program identifies individuals responsible for implementation of QA procedures or instructions as described in Revision 45 of the TVA Fleet Quality Assurance Program Description (QAPD). The NRC inspection team verified that those assigned QA functions: (1) have sufficient authority and organizational freedom to identify QA problems; to initiate, recommend, or provide solutions; and to verify implementation of solutions; and (2) report to a management level so that the required authority and organizational freedom are provided. The NRC inspection team observed one minor issue with respect to the documentation of the processes for implementing changes to the QAPD as described in Section 5 of this inspection report.

The NRC inspection team also discussed the organization program with TVA's management and technical staff. The attachment to this inspection report lists the documents reviewed and personnel interviewed by the NRC inspection team.

b. Observations and Findings

No findings of significance were identified.

c. Conclusion

With the exception of the minor issue identified in Section 5 of the inspection report, the NRC inspection team concluded that TVA is implementing its organization program in accordance with the regulatory requirements of Criterion I of Appendix B to 10 CFR Part 50. Based on the limited sample of documents reviewed, the NRC inspection team also determined that TVA is implementing its policies and procedures associated with the organization program. No findings of significance were identified.

3. Design Control

a. Inspection Scope

The NRC inspection team reviewed TVA's policies and implementing procedures that govern the implementation of its design control program to verify compliance with the regulatory requirements of Criterion III, "Design Control," of Appendix B to 10 CFR Part 50.

The NRC inspection team noted that at the time of the inspection, the design work in support of the CPA for the Clinch River Nuclear Site is performed by TVA's suppliers. The NRC inspection team reviewed a sample of document generated by these suppliers for aircraft analysis which had undergone review in accordance with TVA's procedure, NNPDP-9.1, "Owner's Oversight Acceptance Review of Engineering Documents," Revision 4, dated February 23, 2026. The NRC inspection team verified that these documents were reviewed in accordance with the procedure and confirmed that these documents will be managed under TVA's design control program. The NRC inspection team also reviewed a sample of external hazards analysis documents generated by TVA suppliers in support of the CPA and confirmed that these documents were reviewed and validated by TVA in accordance with TVA's procedure NPG-SPP-03.10.1, "Managing New Nuclear Program's Interface with NRC," Revision 2, dated May 12, 2026.

The NRC inspection team also discussed the design control program with TVA's management and technical staff. The attachment to this inspection report lists the documents reviewed and personnel interviewed by the NRC inspection team.

b. Observations and Findings

No findings of significance were identified.

c. Conclusion

The NRC inspection team concluded that TVA is implementing its design control program in accordance with the regulatory requirements of Criterion III to Appendix B to 10 CFR Part 50. Based on the limited sample of documents reviewed, the NRC inspection team also determined that TVA is implementing its policies and procedures associated with the design control program. No findings of significance were identified.

4. Supplier Oversight

a. Inspection Scope

The NRC inspection team reviewed TVA's policies and implementing procedures that govern the implementation of its supplier oversight program to verify compliance with the requirements of Criterion IV, "Procurement Document Control," and Criterion VII, "Control of Purchased Material, Equipment, and Services," of Appendix B to 10 CFR Part 50. The NRC inspection team reviewed TVA's Approved Suppliers List and a sample of POs, supplier audit reports, and annual evaluations.

For the review of the sample of POs, the NRC inspection team verified that the POs included, as applicable: (1) the defined scope of work; (2) provisions for NRC right of access to supplier facilities; (3) flow-down of applicable contractual requirements to sub-suppliers; and (4) the applicable technical, regulatory, and quality requirements (e.g., Appendix B to 10 CFR Part 50, 10 CFR Part 21).

The NRC inspection team reviewed a sample of audit reports and confirmed that the reports included, as applicable: (1) an audit plan; (2) the findings identified and the associated corrective actions; (3) sufficient documented objective evidence of compliance with applicable requirements; and (4) a documented management review by TVA's responsible management. For the sample of annual evaluations, the NRC inspection team determined that they contained the information required by TVA's governing policies and procedures. In addition, the NRC inspection team verified that the audits were conducted by qualified lead auditors and auditors within the established frequency. The NRC inspection team reviewed the training and qualification records of auditing personnel and confirmed that they had completed the required training and maintained the necessary qualifications and certifications in accordance with TVA's policies and procedures. TVA is a member of the Nuclear Procurement Issues Corporation (NUPIC) and utilizes NUPIC joint utility audits as part of its supplier evaluation and oversight activities. The NRC inspection team confirmed that TVA reviews NUPIC audit reports for acceptance to ensure that the audit scope adequately covers the activities and services procured by TVA.

The NRC inspection team also discussed the supplier oversight program with TVA's management and technical staff. The attachment to this inspection report lists the documents reviewed and personnel interviewed by the NRC inspection team.

b. Observations and Findings

No findings of significance were identified.

c. Conclusion

The NRC inspection team concluded that TVA is implementing its supplier oversight program in accordance with the regulatory requirements of Criterion IV and Criterion VII of Appendix B to 10 CFR Part 50. Based on the limited sample of documents reviewed, the NRC inspection team determined that TVA is implementing its policies and procedures associated with the supplier oversight program. No findings of significance were identified.

5. Instructions, Procedures, and Drawings

a. Inspection Scope

The NRC inspection team reviewed TVA's policies and implementing procedures that govern the implementation of its instructions, procedures, and drawings program to verify compliance with the regulatory requirements of Criterion V, "Instructions, procedures, and Drawings," of Appendix B to 10 CFR Part 50.

The NRC inspection team reviewed a sample of documents supporting the CPA for the Clinch River Nuclear Site to verify that the activities documented are accomplished in accordance with the applicable procedures and instructions.

The NRC inspection team also discussed the instructions, procedures, and drawings program with TVA's management and technical staff. The attachment to this inspection report lists the documents reviewed and personnel interviewed by the NRC inspection team.

b. Observations and Findings

The NRC inspection team reviewed the TVA Fleet organization and observed that the current organization does not accurately reflect the organization described in Revision 45 of the TVA Fleet QAPD, which is the version of the QAPD in effect for the CPA for the Clinch River Nuclear Site. TVA added a management position responsible for Generation Projects and Fleet Services to its organization. The management position responsible for New Nuclear Projects reports to this new management position and will interface with TVA's Chief Nuclear Officer regarding QA decisions affecting the TVA New Nuclear Program and Projects. While the organizational change has been approved under the process described in NPG-SPP-03.23, "Quality Plan Management," Revision 10, dated February 19, 2026, the change was implemented prior to the completion of the update to the TVA Fleet QAPD. The NRC inspection team observed that NPG-SPP-03.23 does not identify whether changes that conflict with the QAPD can be implemented once the QAPD change request is approved or when the QAPD change is complete. The NRC team determined this issue to be minor because the organizational change was implemented after the proposed edits to the QAPD were screened and deemed not to reduce the commitments in the approved Revision 45 of the TVA Fleet QAPD. TVA initiated Condition Report (CR) No. 2091505, dated June 4, 2026, to address this issue.

c. Conclusion

With the exception of the minor issue discussed above, the NRC inspection team concluded that TVA is implementing its instructions, procedures, and drawings program consistent with the regulatory requirements of Criterion V of Appendix B to 10 CFR Part 50. Based on the limited sample of documents reviewed, the NRC inspection team also determined that TVA is implementing its policies and procedures associated with the instructions, procedures, and drawings program. No findings of significance were identified.

6. Corrective Action

a. Inspection Scope

The NRC inspection team reviewed TVA's policies and implementing procedures that govern the implementation of its corrective action program (CAP) to verify compliance with the requirements of Criterion XVI, "Corrective Action," of Appendix B to 10 CFR Part 50.

The NRC inspection team reviewed a sample of CRs associated with the CPA for the Clinch River Nuclear Site and the New Nuclear Program. The NRC inspection team noted that classification of CRs in TVA's CAP contains: (1) an alphabetical element identifying whether the CR is within the scope of the CAP (C-level) or non-CAP (E-level); and (2) a numerical element identifying the analysis effort required for implementing corrective actions (1, 2, 3, or 4). CRs identified as C are considered Conditions Adverse to Quality, with C-1 CRs classified as Significant Condition Adverse to Quality could have a serious effect on nuclear safety or operability. C-1 CRs require a formal evaluation to determine the root cause and assure reasonable corrective actions are developed and implemented to preclude repetition. At the time of the inspection, there were no C-1 CRs issued for the CPA for the Clinch River Nuclear Site.

The NRC inspection team confirmed that the sample of CRs contains: (1) adequate documentation and description of conditions adverse to quality; (2) an appropriate analysis of the cause of the conditions and corrective actions taken; (3) review and approval by the responsible authority; and (4) current status of the corrective action.

The NRC inspection team also observed a Plant Screening Committee (PSC) meeting. The PSC meetings are held weekly and consist of TVA personnel knowledgeable in the areas of Maintenance/Work Management, Operations, the Corrective Action Program, and Engineering. During the PSC's CR screening process, TVA personnel classify the significance of the CR with the alphabetical and numerical elements described above, as well as review the CR for determination of extent of conditions and initial or interim actions. The PSC's screening process is then routed to the Management Review Committee, where management personnel review the results of the PSC's screening and ensure initial actions taken or planned are adequately addressed, document any identified adverse trends, and change PSC screening results, as applicable.

The NRC inspection team also discussed the corrective action program with TVA's management and technical staff. The attachment to this inspection report lists the documents reviewed and personnel interviewed by the NRC inspection team.

b. Observations and Findings

No findings of significance were identified.

c. Conclusion

The NRC inspection team concluded that TVA is implementing its corrective action program in accordance with the regulatory requirements of Criterion XVI of Appendix B to 10 CFR Part 50. Based on the limited sample of documents reviewed, the NRC inspection team also determined that TVA is implementing its policies and procedures associated with the corrective action program. No findings of significance were identified.

7. QA Records

a. Inspection Scope

The NRC inspection team reviewed TVA's policies and implementing procedures that govern the implementation of its QA records program to verify compliance with the requirements of Criterion XVII, "Quality Assurance Records," of Appendix B to 10 CFR Part 50.

The NRC inspection team reviewed TVA's record system, Enterprise Content Management (ECM), and verified that records are adequately identified, maintained, validated, and controlled in accordance with TVA's records management and document control procedures. Designated personnel or organizations with administrative responsibilities for records access, including receipt control, processing, corrections, and safekeeping, are identified within those procedures and are documented through a digital flow process system in the ECM.

The NRC inspection team noted that at the time of the inspection, QA records associated with the CPA for the Clinch River Nuclear Site were exclusively stored and controlled in the ECM system. The NRC inspection team verified that QA records for the Clinch River Nuclear Site stored in the ECM maintained integrity, authenticity, and acceptability during their required retention period in accordance with NRC requirements. The NRC inspection team additionally verified that sampled records within the ECM system were properly retrievable, legible, and adequately protected in accordance with TVA's records management and document control procedures.

The NRC inspection team also discussed the QA records program with TVA's management and technical staff. The attachment to this inspection report lists the documents reviewed and personnel interviewed by the NRC inspection team.

b. Observations and Findings

No findings of significance were identified.

c. Conclusion

The NRC inspection team concluded that TVA is implementing its QA records program in accordance with the regulatory requirements of Criterion XVII of Appendix B to 10 CFR Part 50. Based on the limited sample of documents reviewed, the NRC inspection team also determined that TVA is implementing its policies and procedures associated with the QA records program. No findings of significance were identified.

8. Internal Audits

a. Inspection Scope

The NRC inspection team reviewed TVA's policies and implementing procedures that govern the implementation of its internal audits program to verify compliance with the requirements of Criterion XVIII, "Audits," of Appendix B to 10 CFR Part 50.

The NRC inspection team reviewed a sample of six internal audits performed by TVA and the Nuclear Industry Evaluation Program (NEIP). The NRC inspection team verified that: (1) the audits were performed by qualified lead auditors and audit personnel; (2) TVA initiated the appropriate corrective action documents for any issues or observations identified during the audits; and (3) the resulting audit reports were reviewed by the responsible TVA management.

The NRC inspection team also discussed the internal audits program with TVA's management and technical staff. The attachment to this inspection report lists the documents reviewed and personnel interviewed by the NRC inspection team.

b. Observations and Findings

No findings of significance were identified.

c. Conclusion

The NRC inspection team concluded that TVA is implementing its internal audits program consistent with the regulatory requirements of Criterion XVIII of Appendix B to 10 CFR Part 50. Based on the limited sample of documents reviewed, the NRC inspection team determined that TVA is effectively carrying out its policies and procedures associated with the internal audits program. No findings of significance were identified.

9. Entrance and Exit Meetings

On June 1, 2026, the NRC inspection team discussed the scope of the inspection with Mr. Manu Sivaraman, Senior Vice President New Nuclear and Transmission Projects, and other members of TVA's management and technical staff. On June 5, 2026, the NRC inspection team presented the inspection results and observations during an exit meeting with Mr. Sivaraman and other members of TVA's management and technical staff. The attachment to this report lists the attendees at the entrance and exit meetings, as well as those individuals interviewed by the NRC inspection team.

ATTACHMENT

1. <u>ENTRANCE/EXIT MEETING ATTENDEES</u>

Name	Title	Affiliation	Entrance	Exit	Interviewed
Manu Sivaraman	New Nuclear and Transmission Projects, Senior Vice President	Tennessee Valley Authority (TVA)	X*	X*	
Victoria Dennis	TVA Fleet Senior Manager, Nuclear Safety Culture and Regulatory Programs	TVA	X	X*	
Mimi King-Patterson	TVA Fleet Senior Program Manager, Nuclear Safety Culture and Regulatory Programs	TVA	X	X	
Harvey Collins	New Nuclear Senior Management, Procurement	TVA	X	X	X
Jon Talbot	TVA Fleet Senior Manager, Quality Assurance (QA) Vendor Audit Services	TVA	X	X*	
Cameron McGriff	Clinch River Nuclear Site Senior Program Manager, QA	TVA	X	X	X
Ricky Freeman	TVA Fleet Senior Manager, QA	TVA	X	X*	
Adrienne Hudson	Clinch River Senior Manager, QA	TVA	X	X	X
Brian Hopper	Senior Program Manager, Corrective Action Program	TVA			X

Name	Title	Affiliation	Entrance	Exit	Interviewed
John Morris	Senior Program Manager, Performance Improvement	TVA			X
Paul Speyerer	Senior Program Manager for Vendor Audits	TVA		X*	X
Peter Askins	Principal Contract Manager - Supply Chain	TVA			X
James Ware	Senior Program Manager Nuclear QA	TVA			X
John Holcomb	New Nuclear Senior Manager, Nuclear Design	TVA	X	X*	
Ray Schiele	New Nuclear Director, Licensing and Planning	TVA	X		X
Luke Greene	TVA Fleet Senior Program Manager, Nuclear Safety Culture and Regulatory Programs	TVA	X		
Emily Harwood	Manager - Supply Chain	TVA			X
Greg Boerschig	Clinch River Project, Vice President	TVA	X	X	
Neel Shukla	TVA Fleet Director, QA	TVA	X	X	X
Delson Erb	TVA VP, Fleet Support	TVA	X*	X	
Scott Hunnewell	New Nuclear VP	TVA	X		
Terri Michele Connor	New Nuclear Training Manager	TVA	X		

Name	Title	Affiliation	Entrance	Exit	Interviewed
Annie Foreman	Fleet Performance Improvement/Human Performance Manager	TVA			X
Jennifer Smith	Site-Specific Engineering Lead, Clinch River Nuclear Site	TVA			X*
Michel Arcand	Senior Manager Engineering Support, Clinch River Nuclear Site	TVA			X
Stephen Mergy	Senior Program Manager, New Nuclear	TVA			X
Gordon Williams	TVA Fleet Senior Program Manager, Nuclear Safety Culture and Regulatory Programs	TVA	X		
Edward Schulte	Clinch River Nuclear Site Engineering Licensing Lead	TVA			X*
Robert Kirkpatrick	Specialist Engineering Operations	TVA			X*
Dakota Huddleston	Project Manager	TVA			X*
Stephen Kimura	New Nuclear Licensing	TVA	X	X	X
Heather Moram	Delta Corporate Management Services	TVA			X
Donna Frederick	Document Control, Clinch River Nuclear Site	TVA			X
Jessica Jones	Records Consultant	Enterprise Records			X

Name	Title	Affiliation	Entrance	Exit	Interviewed
Ashley Johnson	TVA Fleet Employee Concerns Program	TVA	X		
Ron Detwiler	New Nuclear Licensing	TVA	X	X	
Dylan Graves	Principal Procurement Engineer	TVA			X
Yamir Diaz-Castillo	Inspection Team Leader	Nuclear Regulatory Commission (NRC)	X	X	
Tiffany Lee	Team Lead in Training	NRC	X	X	
Elias Haddad	Trainee	NRC	X	X	
Deanna Zhang	Inspector	NRC	X	X	
Andrea Keim	Acting Branch Chief	NRC		X*	

*Remote

2. INSPECTION PROCEDURES USED

- Inspection Procedure (IP) 35017, "Quality Assurance Implementation Inspection," dated December 10, 2020

- IP 36100, "Inspection of 10 CFR Part 21 and Programs for Reporting Defects and Noncompliance," dated February 10, 2023

3. DOCUMENTS REVIEWED

Quality Assurance Procedures (QAP)

- TVA-NQA-PLN89-A, "Quality Assurance Program Description for TVA Nuclear," Revision 45, dated October 2025
- NPG-SPP-03.23, "QA Plan Management," Revision 10, dated February 19, 2026
- NEDP-1, "Design Basis And Design Input Control," Revision 3, dated February 26, 2025
- NEDP-2, "Design Calculation Process Control," Revision 28, dated February 17, 2026
- NNPDP-9.1, "Owner's Oversight Acceptance Review of Engineering Documents," Revision 4, dated February 23, 2026
- NEDP-1, "Design Output," Revision 32, dated February 19, 2026
- NPG-SPP-03.10.1, "Managing New Nuclear Program's Interface With NRC," Revision 2, dated February 12, 2026
- NNPDP-1.1, "New Nuclear Program Organization, Responsibilities and Training," Revision 4, dated February 24, 2026

- NPP-SPP-23.302, “Condition Report Screening,” Revision 16, dated September 11, 2025
- NPG-SPP-22.300, “Corrective Action Program,” Revision 28, dated December 4, 2025
- NPG-SPP-22.306, “Level 1 Evaluations,” Revision 10, dated November 20, 2025
- NPG-SPP-22.305, “Level 2 Evaluations,” Revision 10, dated December 4, 2025
- NPG-SPP-03.5, “Regulatory Reporting Requirements,” Revision 26, dated May 28, 2026
- NLDP-8, “Posting of NRC Notices,” Revision 10, dated August 27, 2025
- NPG-SPP-31.2, “Records Management,” Revision 12, dated December 9, 2025
- NPG-SPP-31.0, “Records Management and Document Control Programs,” Revision 10, dated May 4, 2026
- TVA-IGA-TVAN-CRN, “TVA Nuclear and Clinch River Project Interface Agreement,” Revision 3, dated April 7, 2026
- TVA-SPP-04.000, “Management of the TVA Supply Chain Process,” Revision 5, dated July 28, 2025
- NEPD-8.0, “Evaluations for Procurement of Materials, Items, and Services,” Revision 12, dated January 20, 2026
- NEDP-8.3, “Supplier Submittals,” Revision 6, dated January 20, 2026
- NEDP-8.7, “Procurement Engineering Monitoring and Performance Improvement,” Revision 9, dated February 26, 2026
- NPG-SPP-03.2, “Nuclear Safety Oversight,” Revision 23, dated October 14, 2025
- NPG-SPP-03.10, “Managing TVA’s Interface with the NRC,” Revision 24, dated October 16, 2025
- NPG-SPP-03.10.1, “Managing New Nuclear Program’s Interface with NRC,” Revision 2, dated May 12, 2026
- NPG-SPP-03.16, “Supplier Audits, Surveys, Source Verifications and ASL Maintenance,” Revision 23, dated May 18, 2026
- NPG-SPP-03.17, “Communicating and Resolving Quality Assurance-Identified Issues,” Revision 14, dated October 6, 2025
- NGP-SPP-03.19, “Conduct of Quality Assurance Internal Audits,” Revision 23, dated March 3, 2026
- NGP-SPP-03.20, “Quality Assurance Training and Qualification Program Description,” Revision 15, dated March 3, 2026
- NGP-SPP-09.0.9, “Conduct of Procurement Engineering,” Revision 7, dated February 24, 2026
- NGP-SPP-09.20, “Vendor Manual Control,” Revision 11, dated January 20, 2026
- NGP-SPP-22.102, “Self-Assessment and Benchmarking Programs,” Revision 16, dated February 10, 2026

<u>Design Control</u>

- Record No. 413227.58.2324.6004, “W24 Discharge Linge System Design Parameters,” Revision 0
- Record No. 415844.58.0121.0002, “Aircraft Hazard Analysis Calculation,” Revision 0, dated November 27, 2023
- 007N4637, “TVA Clinch River External Hazards Screening,” Revision 3, dated August 2024
- NEDC-33998P, “TVA Clinch River Nuclear Site Unit 1 BWRX-300 Preliminary Safety Analysis Report Chapter 3 Design of Structures, Components, Equipment, and Systems – Section 3.5 – Missile Protection,” Revision 0, dated August 2024

Audits

- Supplier Audit Report No. 2024V-01, dated May 9, 2024
- Supplier Audit Report No. 2024N-53, dated April 24, 2024
- Supplier Audit Report No. 2023V-15, dated October 5, 2023
- Supplier Audit Report No. 2025N-43, dated September 4, 2025
- Supplier Audit Report No. 2025N-06, dated October 28, 2024
- Supplier Audit Report No. 2024V-17, dated February 24, 2025
- 2026-2028 Master Audit Schedule, Revision 0
- Supplier Annual Evaluation for Company No. 823171659-01, dated September 25, 2025
- Supplier Annual Evaluation for Company No. 823171659-01, dated September 5, 2024
- Supplier Annual Evaluation for Company No. 000073513-04, dated May 6, 2026
- Supplier Annual Evaluation for Company No. 000073513-04, dated June 5, 2025
- Supplier Annual Evaluation for Company No. 000107460-01, dated April 7, 2026
- Supplier Annual Evaluation for Company No. 000107460-01, dated April 28, 2025
- Supplier Annual Evaluation for Company No. 000016376-03, dated August 15, 2024
- Supplier Annual Evaluation for Company No. 000016376-03, dated August 28, 2025
- Supplier Annual Evaluation for Company No. 000070655-01, dated November 14, 2024
- Supplier Annual Evaluation for Company No. 000070655-01, dated October 27, 2025
- Supplier Annual Evaluation for Company No. 331153677-00, dated August 15, 2024
- Supplier Annual Evaluation for Company No. 331153677-00, dated August 28, 2025
- NRC Inspection of Fleet QA Program - Readiness Self-Assessment Report, dated April 16, 2026
- 2023 Clinch River Project/Small Modular Reactor Program Internal Audit Report No. CRA2301
- 2024 Clinch River Project/Small Modular Reactor Program Internal Audit Report No. CRA2401
- 2025 Clinch River Project/Small Modular Reactor Program Internal Audit Report No. CRA2501
- 2023 Nuclear Industry Evaluation Program (NEIP) Internal Audit Report
- 2024 NEIP Internal Audit Report
- 2025 NEIP Internal Audit Report

Purchase Orders

- Purchase Order (PO) No. 7448332, Revision 0, dated March 22, 2023
- PO 7688804, Revision 6, dated January 15, 2026
- PO 7458296, Revision 0, dated April 13, 2023
- PO 7294880, Revision 5, dated November 9, 2023
- PO No. 3962311, Revision 1, dated February 12, 2019
- PO No. 7790067, Revision 1, October 3, 2025
- PO No. 7731491, Revision 2, dated July 3, 2025
- PO No. 7766865, Revision 0, dated July 2, 2025
- PO No. 7763378, Revision 0, dated June 17, 2025
- PO No. 7455160, Revision 4, dated June 12, 2024
- PO No. 7464747, Revision 0, dated April 27, 2023
- PO No. 7438872, Revision 0, dated March 30, 2023
- PO No. 7299387, Revision 3, dated June 26, 2025

- PO No. 7308152, Revision 3, dated April 20, 2023
- PO No. 7308152, Revision 5, dated May 17, 2023
- PO No. 7308152, Revision 6, dated June 22, 2023
- PO No. 7688804, Revision 1, dated February 19, 2025
- PO No. 7688804, Revision 2, dated April 9, 2025
- PO No. 7837169, Revision 0, dated February 13, 2026
- PO No. 7816672, Revision 1, dated November 14, 2025
- PO No. 7754219, Revision 0, dated May 15, 2025
- PO No. 7714714, Revision 2, dated April 18, 2025
- PO No. 7628725, Revision 1, dated January 7, 2025
- PO No. 7461776, Revision 3, dated June 12, 2024
- PO No. 7398401, Revision 5, dated May 22, 2024
- PO No. 7628725, Revision 0, dated May 15, 2024
- PO No. 7398401, Revision 4, dated April 12, 2024
- PO No. 7398401, Revision 2, dated September 27, 2023
- PO No. 7461776, Revision 0, dated April 20, 2023
- PO No. 7461776, Revision 4, dated July 3, 2024

Project Change Request (PCR)

- 205846-PCR-E-037, “External Hazard Report Revision,” dated January 30, 2024

Condition Reports (CRs)

- CRs 2055992, 2045587, 2052047, 1961505, 2008118, 1612822, 2047776, 1393208, 2029788, 2021907, 1890747, 2050437, and 1964151

Condition Reports (CRs) Opened During the Inspection

- CRs 2090966, 2091215, 2091462, and 2091505

Training Records

- Nuclear Procurement Issues Corporation Training/Qualification Form for Guy Robinson, Joshua Luppert, Elliot Gonzalez, Cynthia E. Larson, Mihai Pletosu, Chuck Spraggon, and Matthew Harrington

- Lead auditor and auditor training records for Gerard Machalick, Cameron T. McGriff, Jon T. Talbott, and Joel M. Davis

- Quality Assurance Lead Auditor Performance Evaluation for Joel M. Davis, Jon T. Talbott, Gerard Machalick, Nikki L. Mace, and Cameron T. McGriff

SUBJECT: INSPECTION REPORT OF THE QUALITY ASSURANCE IMPLEMENTATION INSPECTION AT TENNESSEE VALLEY AUTHORITY DATED: July 09, 2026
DISTRIBUTION:
T Lee
M Ferdas
A Keim
Y Law
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D Zhang
E Haddad
B Tharakan
Y Diaz-Castillo