



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

August 31, 2023

Mr. George Beltz
Quality Assurance Director
Fluor Nuclear Power
100 Fluor Daniel Drive
Greenville, SC 29607

SUBJECT: FLUOR NUCLEAR POWER'S NUCLEAR REGULATORY COMMISSION
INSPECTION REPORT NO. 99900523/2023-201

Dear Mr. Beltz:

On July 17 - 21, 2023, the U.S. Nuclear Regulatory Commission (NRC) staff conducted an inspection at the Fluor Nuclear Power's (hereafter referred to as FNP) facility in Greenville, SC. The purpose of this limited-scope routine inspection was to assess FNP'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 technically focused inspection specifically evaluated FNP's implementation of the quality activities associated with the supply of engineering, procurement, and construction services for U.S. nuclear power plants and advance reactors. The enclosed report presents the results of the inspection. This NRC inspection report does not constitute NRC's endorsement of FNP's overall quality assurance or 10 CFR Part 21 programs.

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

In accordance with 10 CFR 2.390, "Public inspections, exemptions, requests for withholding," of the NRC's "Rule of Practice," a copy of this letter, its enclosure(s), and your response will be made available electronically for public inspection in the NRC's Public Document Room or from the NRC's document system (ADAMS), accessible at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,

A handwritten signature in black ink, appearing to read "Kerri Kavanagh".

Signed by Kavanagh, Kerri
on 08/31/23

Kerri A. Kavanagh, Chief
Quality Assurance and Vendor Inspection Branch
Division of Reactor Oversight
Office of Nuclear Reactor Regulation

SUBJECT: FLUOR NUCLEAR POWER'S NUCLEAR REGULATORY COMMISSION INSPECTION REPORT NO. 99900523/2023-201 DATE: August 31, 2023

Docket No.: 99900523

EPID No.: I-2023-201-0033

Enlosures:

Inspection Report No. 99900523-2023-201 and Attachment

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DATE	8/7/2023	8/31/2023	

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**U.S. NUCLEAR REGULATORY COMMISSION
OFFICE OF NUCLEAR REACTOR REGULATION
DIVISION OF REACTOR OVERSIGHT
VENDOR INSPECTION REPORT**

Docket No.: 99900523

Report No.: 99900523/2023-201

Vendor: Fluor Nuclear Power
100 Fluor Daniel Drive
Greenville, SC 29607

Vendor Contact: Mr. George Beltz
Quality Assurance Director
Email: George.Beltz@fluorgov.com
Phone: 864-254-8873

Nuclear Industry Activity: Fluor Nuclear Power's scope of supply includes engineering, procurement, and construction services for U.S. nuclear power plants and advance reactors.

Inspection Dates: July 17 - 21, 2023

Inspectors:	Yamir Diaz-Castillo	NRR/DRO/IQVB	Team Leader
	Yiu Law	NRR/DRO/IQVB	Remote
	Steven Downey	NRR/DRO/IQVB	
	Rebecca Romero-Devore	NRR/DRO/IQVB	Trainee

Approved by: Kerri A. Kavanagh, Chief
Quality Assurance and Vendor Inspection Branch
Division of Reactor Oversight
Office of Nuclear Reactor Regulation

EXECUTIVE SUMMARY

Fluor Nuclear Power
99900523/2023-201

The U.S. Nuclear Regulatory Commission (NRC) staff conducted a limited scope routine inspection at the Fluor Nuclear Power's (hereafter referred to as FNP) facility in Greenville, SC, to verify that it had implemented an adequate quality assurance (QA) program that complies with the requirements of Appendix B, "Quality Assurance Criteria for Nuclear Power Plants and Fuel Reprocessing Plants," to Title 10 of the *Code of Federal Regulations* (10 CFR) Part 50, "Domestic Licensing of Production and Utilization Facilities," and 10 CFR Part 21, "Reporting of Defects and Noncompliance." The NRC inspection team conducted this inspection from July 17, 2023 through July 21, 2023. This was the first NRC inspection at the FNP facility.

This technically focused inspection specifically evaluated FNP's implementation of quality activities associated with the supply of safety-related engineering, procurement, and construction services for U.S. nuclear power plants and advance reactors. Specific activities observed by the NRC inspection team included:

- Corrective Action Review Committee meeting

These regulations served as the bases for the NRC inspection:

- Appendix B to 10 CFR Part 50
- 10 CFR Part 21

During the course of this inspection, the NRC inspection team implemented Inspection Procedure (IP) 43002, "Routine Inspections of Nuclear Vendors," dated February 10, 2023; IP 43004, "Inspection of Commercial-Grade Dedication Programs," dated February 10, 2023; and IP 36100, "Inspection of 10 CFR Part 21 and Programs for Reporting Defects and Noncompliance," dated February 10, 2023.

The results of the inspection are summarized below.

Inspection Areas

The NRC inspection team determined that FNP established its programs for design control, commercial-grade dedication, procurement document control, supplier oversight, nonconforming material, parts, or components, corrective action, and internal audits, 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 FNP is implementing its policies and procedures associated with these programs. In addition, the NRC inspection team determined that FNP 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 U.S. Nuclear Regulatory Commission (NRC) inspection team reviewed Fluor Nuclear Power's (hereafter referred to as FNP) 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 the 10 CFR Part 21 postings and a sample of FNP's purchase orders (POs) to verify compliance with the requirements of 10 CFR 21.21, "Notification of Failure to Comply or Existence of a Defect and its Evaluation," and 10 CFR 21.31, "Procurement Documents." The NRC inspection team also verified that Fluor's nonconformance and corrective action procedures provide a link to its 10 CFR Part 21 program.

In addition, for a sample of 10 CFR Part 21 evaluations performed by FNP, the NRC inspection team verified that FNP had effectively implemented the requirements for evaluating deviations and failures to comply.

The NRC inspection team also discussed the 10 CFR Part 21 program with FNP'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 FNP 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 FNP is implementing its policies and procedures associated with the 10 CFR Part 21 program. No findings of significance were identified.

2. Design Control and Commercial-Grade Dedication

a. Inspection Scope

The NRC inspection team reviewed FNP's policies and implementing procedures that govern the implementation of its design control and commercial-grade dedication programs to verify compliance with the requirements of Criterion III, "Design Control," and Criterion VII, "Control of Purchased Material, Equipment, and Services," 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."

Design Control

FNP was selected as the Engineering/Procurement/Construction contractor to perform site specific design for the NuScale VOYGR-6 plant design for the Utah Associated Municipal Power Systems Carbon Free Power Project (CFPP). The project is currently in the early phases of the design.

The NRC inspection team reviewed a sample of design documents associated with the geotechnical investigation for the CFPP site. The purpose of the investigation was to provide design recommendations for foundations and general site development. The NRC inspection team also reviewed a design package for the Code Implementation and Maintenance Project (CIMP), which was a demonstration project used to renew FNP's nuclear certification with the American Society of Mechanical Engineers (ASME). This certification allows FNP to certify and stamp safety related components constructed in accordance with Section III of the ASME Boiler and Pressure Vessel Code. For both the CFPP safety-related work and the CIMP, the NRC inspection team verified that FNP ensured that: (1) applicable design inputs were correctly translated into the affected design documents and drawings, (2) the adequacy of the design was verified, and that (3) design reviews were performed by individuals other than those who performed the original design.

The NRC inspection team also reviewed two Software and Data Quality Assurance (SDQA) packages for software procured from a safety-related supplier that is available for use on nuclear projects. The SDQA packages were procured to perform piping analysis and structural analysis as needed. The NRC inspection team verified that the software was appropriately acquired, verified, and validated, and is being controlled in accordance with FNP's design control process and implementing procedures.

In addition, the NRC inspection team reviewed a sample of training and qualification records for engineering personnel assigned to various roles within FNP's design control process. The NRC inspection team confirmed that the engineering personnel had completed all the required training and had maintained the applicable qualification and certifications in accordance with FNP's policies and procedures.

Commercial Grade Dedication

The NRC inspection team also reviewed FNP's commercial-grade dedication process. At the time of the inspection, FNP had only dedicated software used to analyze the impacts of fire events on safety-related structures, systems, and components. The NRC inspection team evaluated the criteria for the identification of the software safety-related functions, credible failure mechanisms and modes, selection of critical characteristics and acceptance criteria, and the identification of verification methods to verify the effective implementation FNP's commercial-grade dedication process.

The NRC inspection team also reviewed FNP's measures for using the International Laboratory Accreditation Cooperation (ILAC) accreditation process in lieu of performing commercial-grade surveys for the procurement of calibration and testing services as part of the commercial-grade dedication process. FNP's intent is to implement this process as described in the Nuclear Energy Institute document No. 14-05A, "Guidelines for the Use of Accreditation in Lieu of Commercial Grade Surveys for Procurement of Laboratory Calibration and Test Services," Revision 1, dated September

2020, which was recognized for use by the NRC in a safety evaluation (SE) dated November 23, 2020 (Agencywide Documents Access Management System Accession (ADAMS) No. ML20322A019).

The NRC inspection team also discussed the design control and commercial-grade dedication programs with FNP'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

During the review of FNP's Nuclear Quality Assurance Manual, and implementing procedures, the NRC inspection team noted that FNP's documented guidance for the commercial-grade dedication of calibration and testing services is not consistent with the NRC's SE. Specifically, the documented guidance did not include all of the conditions from the NRC's SE.

The NRC inspection team determined this issue to be minor because FNP has not perform any commercial-grade dedication of calibration and/or testing services using the ILAC accreditation process. FNP initiated Condition Report (CR) No. 2023-144 to address this issue.

c. Conclusion

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

3. Procurement Document Control and Supplier Oversight

a. Inspection Scope

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

The NRC inspection team reviewed a sample of POs and verified the POs included, as applicable: (1) the scope of work; (2) right of access to the suppliers' facilities; (3) extension of contractual requirements to sub-suppliers; (4) and the applicable technical, regulatory, and quality requirements. The NRC inspection team confirmed that the POs adequately invoked the applicable technical, regulatory, and quality requirements.

The NRC inspection team also reviewed a sample of audit reports and verified that the audit reports included, as applicable: (1) an audit plan; (2) any findings identified; and (3)

a review by FNP's responsible management. In addition, the NRC inspection team also verified that the audits were performed by qualified auditors. Furthermore, the NRC inspection team reviewed the training and qualification records of lead auditors and auditors and confirmed that auditing personnel had completed all the required training and had maintained the applicable qualification and certification in accordance with FNP's policies and procedures.

The NRC inspection team also discussed the procurement document control and supplier oversight programs with FNP'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

During the review of a sample of external audit reports, the NRC inspection team identified several instances in which the audit checklists did not provide sufficient objective evidence to support the conclusion that the suppliers' quality assurance (QA) programs had the processes and controls in place to have met the applicable requirements. For example, the NRC inspection team noted that the audit checklist requirements were identified as being met, however, there was no additional information provided within the checklist to support the auditor's conclusion that the applicable requirements were met. Instead, the checklists only included a reference to the suppliers' QA manual. The NRC inspection team determined this issue to be minor because this is a documentation issue with no safety significant impact. FNP initiated CR No. 2023-146 to address this issue.

c. Conclusion

The NRC inspection team concluded that FNP is implementing its procurement document control and supplier oversight programs 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 also determined that FNP is implementing its policies and procedures associated with the procurement document control and supplier oversight programs. No findings of significance were identified.

4. Nonconforming Materials, Parts, or Components and Corrective Action

a. Inspection Scope

The NRC inspection team reviewed FNP's policies and implementing procedures that govern the implementation of its nonconforming materials, parts, or components and corrective action programs to verify compliance with the requirements of Criterion XV, "Nonconforming Materials, Parts, or Components," and Criterion XVI, "Corrective Action," of Appendix B to 10 CFR Part 50. FNP's nonconformance program is part of the corrective action program. A CR is initiated for both nonconformances and corrective actions.

The NRC inspection team reviewed a sample of CRs and verified that the CRs contain, as applicable: (1) adequate documentation and description of significant conditions adverse to quality (SCAQ) and conditions adverse to quality (CAQ); (2) an appropriate

analysis of the cause of these conditions and the corrective actions taken to prevent recurrence; and (3) direction for review and approval by the responsible FNP management to verify effective implementation of the corrective actions.

The NRC inspection team also reviewed a sample of trend analysis reports and management review reports and verified that, as applicable: (1) adverse trends that have the potential to lead to a program or process breakdown were identified, analyzed, and reviewed by FNP's management; and (2) appropriate corrective actions were taken to address these adverse trends. The NRC inspection team attended a Corrective Action Review Committee meeting by FNP's management and verified that CRs that are considered SCAQ and CAQ were discussed, and adverse trends were reviewed to ensure that these CRs do not lead of a program or process breakdown.

The NRC inspection team also discussed the nonconforming materials, parts, or components and corrective action programs with FNP'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 FNP is implementing its nonconforming materials, parts, or components and corrective action programs in accordance with the regulatory requirements of Criterion XV and 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 FNP is implementing its policies and procedures associated with the control of nonconforming materials, parts, or components and corrective action programs. No findings of significance were identified.

5. Internal Audits

a. Inspection Scope

The NRC inspection team reviewed FNP's policies and implementing procedures that govern its internal audit 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 FNP's internal audit plans, internal audit reports, and CRs generated during internal audits when applicable. The NRC inspection team verified that internal audits have been scheduled at least annually and had been conducted using a checklist to ensure that all applicable regulatory and QA requirements and criteria were evaluated. The checklists contained an adequate level of objective evidence to support whether the criteria were met or not. The NRC inspection team also verified that the internal audit documents reviewed were adequately completed and that FNP adequately corrected the conditions identified in CRs generated during internal audits. In addition, the NRC inspection team verified that FNP's procedures described the scope and purpose of audits to be performed, the frequency, audit criteria, and CRs when required. The NRC inspection team verified that the internal audits were performed

by qualified auditors and that these audits were performed by personnel not having direct responsibilities in the areas being audited.

The NRC inspection team discussed the internal audits program with FNP'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

During the review of the internal audit reports from 2019 through 2022, the NRC inspection team noted that the 2020 and 2021 internal audit reports did not provide any documented objective evidence of the review by the FNP QA Director. Section 4.4.7 of FNP's procedure No. 770.042.A215, "Internal Audits," Revision 22, dated August 24, 2022, states, in part, that "the Quality Assurance Director has the responsibility to review the final audit report; sign and date in the 'Reviewed by' section." However, the NRC inspection team identified that there was no 'Reviewed by' section in either of these internal audit reports.

In addition, the NRC inspection team noted that for the 2022 internal audit report, there was no independence in the review and approval of the internal audit report. Specifically, the individual who served as the Audit Team Leader was the FNP QA Director, who signed the internal audit report as both the author and the management reviewer. The NRC inspection team did not find any objective evidence of another responsible management having reviewed the internal audit report.

Furthermore, the NRC inspection identified that there was no documented review of the independent internal audit reports for the internal audits performed in 2019, 2020, 2021, and 2022. FNP performs their internal audits in two steps, the first step covers the sections that the FNP QA team does not have direct responsibility for. In this step, the majority of the sections covered in the FNP QA Manual are reviewed. In the second step, for those sections contained in the QA manual that the FNP QA team has direct responsibility for (e.g., Internal Audits), the audit is performed by a qualified, independent auditor. For the independent audits performed in the years reviewed, the internal audit report do not identify a 'Reviewed by' section. The NRC inspection team did not find any documented objective evidence that the implementation of the independent audit report was reviewed by responsible management.

The NRC inspection team determined these issues to be minor because these are documentation issues with no safety significant impact. FNP initiated CR No. 2023-148 to address these issues.

c. Conclusion

The NRC inspection team concluded that FNP is implementing its internal audits program in accordance 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 also determined that FNP is implementing its policies and procedures associated with its internal audits program. No findings of significance were identified.

6. Entrance and Exit Meetings

On July 17, 2023, the NRC inspection team discussed the scope of the inspection with Mr. JD Dowell, FNP's Vice President Nuclear Operations, and other members of FNP's management and technical staff. On July 21, 2023, the NRC inspection team presented the inspection results and observations during an exit meeting with Mr. Greg Meyer, FNP's Senior Vice President Nuclear Operations and other members of FNP's management and technical staff. The attachment to this report lists the attendees of the entrance and exit meetings, as well as those individuals whom the NRC inspection team interviewed.

ATTACHMENT

1. ENTRANCE/EXIT MEETING ATTENDEES

Name	Title	Affiliation	Entrance	Exit	Interviewed
Greg Meyer	Senior Vice President Nuclear Operations	Fluor Nuclear Power (FNP)		X	
JD Dowell	Vice President Nuclear Operations	FNP	X	X	
Jan Preston	Senior Director Operations	FNP		X	
George Beltz	Quality Director	FNP	X	X	X
Fred Beranek	Engineering Director	FNP	X		
Robert B. Harnage	Project Services Director	FNP	X	X	
Michael King	Project Quality Director	FNP	X	X	X
Tracy Shober	Project Quality Director	FNP	X	X	X
Mia Sullivan	Procurement & Contracts Director	FNP	X	X	
Ron Warner	Project Quality Director	FNP		X	
LaToya Tucker	PDDMP Project Manager	FNP	X	X	
Lisa Davies	Regulatory Affairs Manager	FNP	X	X	X
Gabrielle Marsoun	Training Manager	FNP	X	X	
Kathy Palmore	Quality Assurance (QA) Manager	FNP		X	
Nate Huff	QA Manager	FNP	X	X	
Kathy Palmore	QA Manager	FNP	X		

Name	Title	Affiliation	Entrance	Exit	Interviewed
Matt Featherston	Project Regulatory Affairs Manager	FNP		X	
Parntipa Smith	Project Director - NuScale	FNP	X		
Ransen Caola	Project Manager - Nu Scale	FNP	X		
Brian Mitchell	Engineering Director - NuScale	FNP	X		
Ron Warner	Project Quality Director	FNP	X		
William Albrecht	Project Director	FNP	X		
Chris Jonker	Project Procurement Engineer	FNP	X		
Jerome Geathers	Project Engineer	FNP	X		
Wayland May	Welding Engineer	FNP	X		
Allison Daniels	Supply Chain	FNP	X	X	
Kevin Clark	Project Services Manager	FNP	X		
Rebecca Omelianchuk	Senior Compliance and Ethics Specialty	FNP	X		
Aaron Nyberg	Quality Intern	FNP		X	
Yamir Diaz-Castillo	Inspection Team Leader	Nuclear Regulatory Commission (NRC)	X	X	
Rebecca Romero-Devore	Inspector	NRC	X	X	
Steven Downey	Inspector	NRC	X	X	
Yiu Law*	Inspector	NRC	X	X	
Kerri Kavanagh	Branch Chief	NRC		X	

*Participated remotely.

2. INSPECTION PROCEDURES USED

- Inspection Procedure (IP) 36100, "Inspection of 10 CFR Part 21 and Programs for Reporting Defects and Noncompliance," dated February 10, 2023.
- IP 43002, "Routine Inspections of Nuclear Vendors," dated February 10, 2023.
- IP 43004, "Inspection of Commercial-Grade Dedication Programs," dated February 10, 2023.

3. DOCUMENTS REVIEWED

Policies and Procedures

- Manual No. 770.000.1030, "Fluor Nuclear Quality Assurance Manual," Revision 28, dated March 22, 2023
- Manual No. 770.037.A105.SMM, "Fluor Nuclear Power Project Quality Plan for VC Summer 2 & 3 Nuclear Project," Revision 0, dated January 13, 2016
- Manual No. 770.509.0000, "ASME Nuclear Quality Program Manual, ASME Code Section III, Division 1," Revision 11, dated March 22, 2023
- Procedure No. 770.037.A105, "Development of Nuclear Project Quality Plans," Revision 14, dated August 3, 2022
- Procedure No. 770.042.0820, "Industry Experience Program," Revision 1, dated May 22, 2020
- Procedure No. 770.042.0888, "Corrective Action Program," Revision 11, dated July 12, 2023
- Procedure No. 770.042.1210, "Supplier Evaluations and Maintenance of the Nuclear Approved Suppliers List," Revision 11, dated May 10, 2023
- Procedure No 770.042.1250, "Supplier Audits," Revision 8, dated May 2, 2023
- Procedure No. 770.042.1260, "Commercial-Grade Surveys," Revision 3, dated April 13, 2023
- Procedure No. 770.042.A215, "Internal Audits," Revision 22, dated August 24, 2022
- Procedure No. 770.042.A216, "Internal Surveillances," Revision 9, dated March 14, 2023
- Procedure No. 770.042.A255, "Supplier Surveillances," Revision 11, dated April 13, 2023
- Procedure No. 770.042.A260, "Qualification of Audit, Survey, and Surveillance," Revision 14, dated September 7, 2021

- Procedure No. 770.042.A340, "Management Evaluation," Revision 13, dated March 14, 2023
- Procedure No. 770.042.A341, "Management Review Committee," Revision 14, dated October 5, 2022
- Procedure No. 770.042.A365, "Trend Analysis," Revision 12, dated September 8, 2022
- Procedure No. 770.101.A105, "Management Assessment," Revision 3, dated November 10, 2021
- Procedure No. 770.200.A550, "Design Change Notices," Revision 7, dated May 16, 2019
- Procedure No. 770.206.A540, "Document Control and Records," Revision 31, dated April 13, 2023
- Procedure No. 770.290.A528, "Dedication of Commercial Grade Items for Use as Basic Components," Revision 10, dated May 25, 2022
- Procedure No. 770.290.A530, "Design Control Process," Revision 19, dated February, 23, 2023
- Procedure No. 770.290.A532, "Software and Data Verification and Control," Revision 17, dated July 12, 2023
- Procedure No. 770.420.1500, "Purchase Order," Revision 14, dated October 21, 2022
- Procedure No. 770.509.A240, "Item Identification and Inspection Status Control," Revision 10, dated November 8, 2022
- Procedure No. 770.509.A270, "Quality Control Receipt Inspection of Items and Services," Revision 18, dated November 8, 2022
- Procedure No. 770.509.A280, "10 CFR Part 21 Reporting," Revision 9, dated July 10, 2020
- Procedure No. 770.509.A330, "Qualification and Certification of Inspection and Test Personnel," Revision 10, dated November 8, 2022
- Procedure No. 770.510.A360, "Control of Measuring and Test Equipment," Revision 14, dated November 15, 2022
- Procedure No. 770.615.A720, "Employee Training Program," Revision 26, dated July 12, 2023

Design Control and Commercial-Grade Dedication Records

- 1059361-M-DR-VSL-01, "ASME Section III Division 1 Design Report - Pressurizer TAG CIMP-2022-VSL-01," Revision 3, dated November 17, 2022

- 1059361-M-OPR-VSL-01, "Pressurizer - ASME Section III, Division 1, Class 1 - Overpressure Protection Report," Revision 1, dated June 20, 2022
- 1059361-M-SPEC-VSL-01-DVC, "Design Specification Verification Checklist," Revision 0, dated March 24, 2022
- 1059361-S-DR-SDL-01, "ASME Section III Division 1 Design Report - CIMP Pressurizer TAG-2022-VSL-01 Saddle Supports," Revision 1, dated August 11, 2022
- Design Verification Checklist No. 1059361-M-DR-VSL-01-CL, Revision 3, dated November 17, 2022
- Design Verification Checklist No. 1059361-M-DWG-NPT-01-DVC, Revision 1, dated July 25, 2022
- Design Verification Checklist No. 1059361-M-OPR-VSL-01-CL, Revision 1, dated June 20, 2022
- Design Verification Checklist No. 1059361-S-DR-SDL-01-CL, Revision 1, dated August 11, 2022
- Design Verification Checklist No. FL-U4MP-1A-00-210-SPC-0000-0001-DVC, Revision 1, dated March 9, 2023
- Drawing No. 1059361-M-DWG-NPT-01, "CIMP NPT Part - ASME III Division 1, Class 1," Revision 1, dated July 25, 2022
- FL-U4MP-1A-00-210-RPT-0000-0002, "Design Input Report for Geotechnical Investigation Specification FL-U4MP-1A-00-210-SPC-0000-0001," Revision 1, dated March 7, 2023
- FL-U4MP-1A-00-210-SPC-0000-0001, "Geotechnical Investigation," Revision 1, dated March 9, 2023
- Software and Data Quality Assurance (SDQA) Package No. 770.250.0001.SDQ.02, Revision 0, date March 16, 2023
- SDQA Package No. 770.215.0001.SDQ.01, Revision 0, dated February 23, 2023
- SDQA Package No. 770.255.0001.SDQ.00, Revision 2, date April 20, 2022
- Commercial Grade Dedication Evaluation No. TA55-M-001, Revision 0, dated November 9, 2020

Procurement Records, External Audit Reports, and Annual Evaluations

- Nuclear Approved Suppliers List , Revision 134, dated July 11, 2023
- Audit Report No. SA-21-01, dated February 15, 2021
- Audit Report No. SA-21-02, dated March 28, 2021

- Audit Report No. SA-21-03, dated March 31, 2021
- Audit Report No. SA-21-04, dated April 22, 2021
- Contract No. U4MP-90-K003 for the Carbon Free Power Project, LLC, Revision 1
- Contract No. U4MP-90-K004 for the Carbon Free Power Project, LLC, Revision 0
- Contract No. U4MP-90-K005 for the Carbon Free Power Project, LLC, Revision 0
- Contract No. U4MP-90-K020 for the Carbon Free Power Project, LLC, Revision 3
- Supplier Evaluation Form No. 770.042.F1210-01, dated April 27, 2023
- Supplier Evaluation Form No. 770.042.F1210-01, dated February 20, 2023
- Supplier Evaluation Form No. 770.042.F1210-01, dated June 28, 2023
- Supplier Evaluation Form No. 770.042.F1210-01, dated March 17, 2023

Internal Audits Reports

- FNP-AI-19-02, dated May 9, 2019
- FNP-AI-20-01, dated June 8, 2020
- FNP-AI-20-02, dated July 2, 2020
- FNP-AI-21-01, dated June 30, 2021
- FNP-AI-21-02, dated June 15, 2021
- FNP-AI-22-01, dated July 7, 2022
- FNP-AI-22-02, dated July 13, 2022
- FNP-IS-22-02, dated August 29, 2022
- FNP-IS-22-03, dated September 7, 2022
- FNP-IS-22-04, dated October 11, 2022
- FNP-IS-22-05, dated October 20, 2022
- FNP-IS-23-02, dated June 27, 2023

Condition Reports (CRs)

- CR-2020-79
- CR-2020-87
- CR-2020-115
- CR-2020-121
- CR-2020-122
- CR-2021-33
- CR-2021-34
- CR-2021-55
- CR-2021-112
- CR-2021-138
- CR-2021-156
- CR-2022-2

- CR-2022-49
- CR-2022-57
- CR-2022-58
- CR-2022-60
- CR-2022-65
- CR-2022-70
- CR-2022-71
- CR-2022-79
- CR-2022-92
- CR-2022-100
- CR-2022-104
- CR-2022-105
- CR-2022-106
- CR-2022-110
- CR-2022-147
- CR-2022-162
- CR-2022-166
- CR-2022-196
- CR-2022-197
- CR-2022-198
- CR-2022-199
- CR-2023-1
- CR-2023-14
- CR-2023-38
- CR-2023-46
- CR-2023-48
- CR-2023-53
- CR-2023-59
- CR-2023-82
- CR-2023-103
- CR-2023-118

Condition Reports Opened During the NRC Inspection

- CR-2023-135 (Nuclear Safety Culture survey)
- CR-2023-142 (Remote audits)
- CR-2023-144 (International Laboratory Accreditation Cooperation accreditation process)
- CR-2023-146 (Objective evidence in external audits)
- CR-2023-147 (10 CFR Part 21 5 day notification)
- CR-2023-148 (Review of internal audit reports)

10 CFR Part 21 Screening and Evaluation Reports

- 10 CFR Part 21 Screening and Evaluation for FNP-CR-2022-2

- 10 CFR Part 21 Screening and Evaluation for FNP-CR-2022-65
- 10 CFR Part 21 Screening and Evaluation for FNP-CR-2022-79
- 10 CFR Part 21 Screening and Evaluation for FNP-CR-2022-162
- 10 CFR Part 21 Screening for FNP-CR-2023-1
- 10 CFR Part 21 Screening and Evaluation for FNP-CR-2023-14
- 10 CFR Part 21 Screening and Evaluation for FNP-CR-2023-59

Trend Analysis Reports

- Corrective Action Program Trend Analysis Report 2021 - 4th Quarter, dated April 11, 2022
- Corrective Action Program Trend Analysis Report 2022 - 1st and 2nd Quarter, dated September 26, 2022
- Corrective Action Program Trend Analysis Report 2022 - 3rd Quarter, dated January 4, 2023
- Corrective Action Program Trend Analysis Report 2022 - 4th Quarter, dated April 3, 2023
- Corrective Action Program Trend Analysis Report 2023 - 1st Quarter, dated July 17, 2023

Training and Qualification Records

- U4MP-Engineering Training Curriculum Matrix, dated March 1, 2023
- Engineers: Aartun, Jeremy; Dickenson, David; Geathers, Jerome; Huffer, Ben; Jonker, Chris; Kumar, Pramod; Perez, Chuck; and Smoak, Brad
- Lead Auditors: Rodriguez, Luis; Palmore, Kathy; Beltz, George; and King, Michael
- Individual Training Plan: Cintron De Leon, Brendaly; and Shoher, Tracy
- Summary of Activities for Maintenance of Proficiency: Beltz, George; Rodriguez, Luis; Cintron De Leon, Brendaly; and Palmore, Kathy

Miscellaneous

- Management Assessment Report No. MA-22-02, "2022 Nuclear Safety Culture Survey"
- Nuclear Project Quality Plan Utah Associated Municipal Power Systems Carbon Free Power Project (CFPP) NPQP.U4MP, Revision 7, dated March 28, 2023
- Fluor Nuclear Power 2022 Management Evaluation, dated May 22, 2023