

REQUEST FOR ADDITIONAL INFORMATION
BY THE OFFICE OF NUCLEAR REACTOR REGULATION
CFPP LIMITED WORK AUTHORIZATION APPLICATION
UTAH ASSOCIATED MUNICIPAL POWER SYSTEMS
DOCKET NO. 99902052
ISSUE DATE: 10/31/2023

Background

By letter dated July 31, 2023 (ADAMS [ML23212A007](#)), Carbon Free Power Project (CFPP), LLC submitted an application for a limited work authorization (LWA) for the U.S. Nuclear Regulatory Commission (NRC) staff's review and approval. This request for additional information (RAI) is necessary for the staff to evaluate and ensure CFPP's requested early construction activities under the LWA complies with Quality Assurance requirements set forth in Title 10 of the *Code of Federal Regulations* (10 CFR) Part 50, "Domestic Licensing of Production and Utilization Facilities."

Regulatory Basis

Appendix B "Quality Assurance Criteria for Nuclear Power Plants and Fuel Reprocessing Plants," to 10 CFR Part 50.

10 CFR Part 50.10, "License required; limited work authorization."

Question 1

10 CFR 50.10(d)(3)(i) states, in part, that "A safety analysis report required by 10 CFR 50.34, 10 CFR 52.17 or 10 CFR 52.79 of this chapter, as applicable, a description of the activities requested to be performed, and the design and construction information otherwise required by the Commission's rules and regulations to be submitted for a construction permit or combined license, but limited to those portions of the facility that are within the scope of the limited work authorization. The safety analysis report must demonstrate that activities conducted under the limited work authorization will be conducted in compliance with the technically-relevant Commission requirements in 10 CFR Chapter I applicable to the design of those portions of the facility within the scope of the limited work authorization.

LWA safety analysis report (SAR) Section 4.1 "Quality Assurance Program", states, in part, that "Revision 6 of CFPP Quality Assurance Program Description (QAPD) (Reference 6-17) expands the scope of the previous NRC-approved CFPP QAPD, Revision 5, to govern CFPP construction phase activities." LWA SAR Reference 6-17 identifies two QAPD Topical Report (TR) revisions in the title of the topical report (i.e., Topical Report TR-121172-NP, Revision **4**, "Carbon Free Power Project Nuclear Quality Assurance Program Description," Revision **006**) (emphasis added by bold text), July 2023.

Please clarify which CFPP QAPD TR revision number would govern the construction phase activities described in the LWA.

Question 2

Criterion VII, "Control of Purchased Material, Equipment, and Services," of Appendix B, to 10 CFR Part 50 states, in part, that "Measures shall be established to assure that purchased material, equipment, and services, whether purchased directly or through contractors and subcontractors, conform to the procurement documents. These measures shall include provisions, as appropriate, for source evaluation and selection, objective evidence of quality furnished by the contractor or subcontractor, inspection at the contractor or subcontractor source, and examination of products upon delivery. The effectiveness of the control of quality by contractors and subcontractors shall be assessed by the applicant or designee at intervals consistent with the importance, complexity, and quantity of the product or services."

LWA SAR Section 5.2.3.2 states, in part, Burns & McDonnell provides Owner's Engineers (OEs) services to CFPP in the areas of vendor oversight, quality assurance, program governance development, document management, and technical review and approval of vendor engineering deliverables". LWA SAR Section 5.2.6 states, in part, S&ME, Inc. provides independent technical and quality assurance (QA; per 10 CFR 50, Appendix B, and NQA-1) oversight of the CFPP site investigation field activities performed by RIZZO and associated laboratory testing and analysis activities.

1. Please clarify if there are any overlaps in roles and responsibilities between these two entities (i.e., Burns and McDonnell & S&ME). Also, please explain which organization and/or person has the ultimate authority for overseeing suppliers, and explain the interfaces between these organizations as it relates to supplier oversight responsibilities to ensure adequate oversight.
2. Please provide an organizational chart showing interrelationships and areas of responsibility and authority for all organizations performing quality-related activities, including CFPP's organization and principal contractors.

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