

**From:** Arora, Surinder  
**Sent:** Monday, July 18, 2022 2:30 PM  
**To:** Mathews, Mitchel A:(Constellation Nuclear)  
**Subject:** ACCEPTANCE REVIEW: Dresden Units 2 and 3- License Amendment Request  
Re: New Fuel Vault Storage and SFP Criticality Safety Analysis Methodology  
(EPID: L-2022-LLA-0085)

Dear Mr. Mathews

By application dated June 8, 2022, (Agencywide Document Access and Management System (ADAMS) Accession No. ML22159A309), Constellation Energy Generation, LLC (CEG, the licensee) submitted a license amendment request regarding new fuel storage vault and spent fuel storage pool criticality methodologies with a proposed change to the Dresden Nuclear Power Station, Units 2 & 3, technical specifications section 4.3.1.

The purpose of this email is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of the above amendment request. The acceptance review was performed to determine if there is sufficient technical information in scope and depth to allow the NRC technical staff to complete its detailed review of the subject request. The acceptance review is also intended to identify any readily apparent information insufficiencies in its characterization of the regulatory requirements or the licensing basis of the plant.

Consistent with Section 50.90 of Title 10 of the Code of Federal Regulations (10 CFR), an application for an amendment to a license (including the technical specifications) must fully describe the changes requested, and following as far as applicable, the form prescribed for original applications. Section 50.34 of 10 CFR addresses the content of technical information required. This section stipulates that the submittal address the design and operating characteristics, unusual or novel design features, and principal safety considerations.



The NRC staff has reviewed your application and concluded that it does provide technical information in sufficient detail to enable the NRC staff to complete its detailed technical review and make an independent assessment regarding the acceptability of the proposed amendment in terms of regulatory requirements and the protection of public health and safety and the environment. Given the lesser scope and depth of the acceptance review as compared to the detailed technical review, there may be instances in which issues that impact the NRC staff's ability to complete the detailed technical review are identified despite completion of an adequate acceptance review. If additional information is needed, you will be advised by separate correspondence.

Based on the information provided in your submittal, the NRC staff has estimated that this licensing request will take approximately 465 hours to complete. The NRC staff expects to

complete this review by June, 2023. If there are emergent complexities or challenges in our review that would cause changes to the initial forecasted completion date or the significant changes in the forecasted hours, the reasons for the changes, along with the new estimates, will be communicated during the routine interactions with the assigned project manager.

These estimates are based on the NRC staff's initial review of the application and they could change, due to several factors including requests for additional information, unanticipated addition of scope to the review, and review by NRC advisory committees or hearing-related activities. Additional delay may occur if the submittal is provided to the NRC in advance or in parallel with industry program initiatives or pilot applications.

If you have any questions, please contact me at (301) 415-1421, or by email [surinder.arora@nrc.gov](mailto:surinder.arora@nrc.gov).

Sincerely,  
Surinder Arora, PE  
Project Manager,  
Fermi 2 and Dresden 2 & 3  
NRR/DORL/LPL3  
 [surinder.arora@nrc.gov](mailto:surinder.arora@nrc.gov)  
 301-415-1421

**Hearing Identifier:** NRR\_DRMA  
**Email Number:** 1714

**Mail Envelope Properties** (BY3PR09MB8225ECD6EB613DC894CBEAE0948C9)

**Subject:** ACCEPTANCE REVIEW: Dresden Units 2 and 3- License Amendment Request  
**Re:** New Fuel Vault Storage and SFP Criticality Safety Analysis Methodology (EPID: L-2022-LLA-0085)  
**Sent Date:** 7/18/2022 2:29:45 PM  
**Received Date:** 7/18/2022 2:29:00 PM  
**From:** Arora, Surinder

**Created By:** Surinder.Arora@nrc.gov

**Recipients:**  
"Mathews, Mitchel A:(Constellation Nuclear)" <Mitchel.Mathews@constellation.com>  
Tracking Status: None

**Post Office:** BY3PR09MB8225.namprd09.prod.outlook.com

Files	Size	Date & Time
MESSAGE	3659	7/18/2022 2:29:00 PM

**Options**  
**Priority:** Normal  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**