



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

April 2, 2025

Christopher D. Wilson, Director  
License Renewal  
Constellation Energy Generation, LLC  
200 Exelon Way  
Kennet Square, PA 19348

**SUBJECT: DRESDEN NUCLEAR POWER STATION UNITS 2 AND 3 - SUMMARY OF THE SEVERE ACCIDENT MITIGATION ALTERNATIVES AND ENVIRONMENTAL AUDIT RELATED OF THE SUBSEQUENT LICENSE RENEWAL APPLICATION (EPID NUMBER: L-2024-SLE-0002) (DOCKET NUMBERS: 50-237 AND 50-249)**

Dear Christopher D. Wilson:

An U.S. Nuclear Regulatory Commission (NRC or the staff) review team consisting of staff from the NRC and Pacific Northwest National Laboratory participated in a remote audit during the week of October 21, 2024, for Dresden Nuclear Power Station (Dresden), as part of the subsequent license renewal application environmental review. The goal of the audit was to gather information for the development of the Dresden Supplemental Environmental Impact Statement (SEIS), consistent with the Dresden audit plan (Agencywide Documents Access and Management System (ADAMS) ML24253A094). Persons who do not have access to ADAMS or who encounter problems in accessing the documents located in ADAMS should contact the NRC's Public Document Room staff at 800- 397-4209 (or 301-415-4737) or via email at [pdr.resource@nrc.gov](mailto:pdr.resource@nrc.gov).

An entrance meeting was held on October 22, 2024, to introduce participants and discuss audit logistics. During the remainder of the audit, the NRC remote audit staff participated in smaller groups (breakout sessions) with Constellation Energy Generation, LLC (Constellation or the applicant) and Enercon Services, Inc. (Enercon) staff to address the audit needs identified in the audit plan. A separate Severe Accident Mitigation Alternatives (SAMA) breakout session took place earlier on September 30, 2024. In addition, an on-site audit was held at Dresden on December 12, 2024. Enclosure 1 to this letter provides a list of representatives from the NRC, Pacific Northwest National Laboratory (PNNL), the applicant, and Enercon who participated in the audits.

At the conclusion of the week of October 21, 2024, remote audit, the NRC staff summarized the status of the environmental review with PNNL, the applicant and Enercon representatives during a project managers' meeting on October 29, 2024. The NRC staff held the project audit exit meeting with Constellation on March 19, 2025. Many of the NRC's questions identified in the audit plan and during the audit were answered through the conduct of the audit.

Those that were answered but would be needed to be used in the supplemental environmental impact statement (EIS) would be submitted by the applicant for docketing as (a) supplement to the application, (b) responses to requests for additional information (RAI), or (c) responses to requests for confirmation of information (RCI).

To resolve audit information needs, the NRC staff provided RCI/RAIs on December 26, 2024. (ML25007A016). Draft versions of the RCI/RAIs were provided to the applicant on December 10, 2024 (ML24354A002) and on December 23, 2024 (ML24366A021), consistent with the Office of Nuclear Reactor Regulation Office Instruction LIC-115, Rev. 1 "Processing Requests for Additional Information," (ML21141A238) to enhance the applicant understanding of staff requests and its ability to respond effectively. Constellation provided its response on February 3, 2025 (ML25034A157).

If you have any questions, please contact Tam Tran via email at [tam.tran@nrc.gov](mailto:tam.tran@nrc.gov).

Sincerely,



Signed by Tran, Tam  
on 04/02/25

Tam Tran, Environmental Project Manager  
Environmental Project Management Branch 1  
Division of Rulemaking Environmental,  
and Financial Support  
Office of Nuclear Material Safety  
and Safeguards

Docket Nos. 50-237 and 50-249

Enclosure:  
As stated

cc: Listserv

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**DATED**

April 2, 2025

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 ABarker, RIII/FCO  
 HLogaras, RIII/FCO  
 VMityng, RII/OPA  
 PChandrathill, RIII/OP

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**\*via email**

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DATE	3/28/25	3/28/25	03/31/2025	4/2/2025

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**ENCLOSURE - LIST OF PARTICIPANTS**

**DRESDEN NUCLEAR POWER STATION**  
**UNITS 2 AND 3**  
**SUBSEQUENT LICENSE RENEWAL APPLICATION**  
**SEVERE ACCIDENT MITIGATION ALTERNATIVES,**  
**ENVIRONMENTAL REVIEW AUDIT,**  
**AND ONSITE AUDIT**

**September 30, 2024 - SAMA Audit**

<b>Attendee</b>	<b>Organization</b>
Tam Tran	U.S. Nuclear Regulatory Commission (NRC)
Charles Moulton	NRC
Angela Sabet	NRC
Evan Davidson	NRC
Steve Short	Pacific Northwest National Laboratory (PNNL)
Ivans William J	PNNL
Hannah Pell	Constellation Energy Generation, LLC (Constellation)
Meek Kristin C	Constellation
Hilditch John	Constellation
MacLeod Annika	Jensen Hughes
Milne William	Jensen Hughes

**October 21 – October 29, 2024 - Environmental Virtual Audit**

<b>Attendee</b>	<b>Organization</b>
Steve Koenick	U.S. Nuclear Regulatory Commission (NRC)
Tam Tran	NRC
Angela Sabet	NRC
Nancy Martinez	NRC
Mitchell Dehmer	NRC
Briana Arlene	NRC
Brian Glowacki	NRC
Caroline Hsu	NRC
Jeff Rikhoff	NRC
Shannon Healy	NRC
Gerry Stirewalt	NRC
Jenny Davis	NRC
Don Palmrose	NRC
Charles Moulton	NRC

Enclosure

Jerry Dozier	NRC
Leah Parks	NRC
Lloyd Desotell	NRC
Rao Tammara	NRC
Stephen Ferencz	Pacific Northwest National Lab. (PNNL)
Julia Flaherty	PNNL
Tracy Fuentes	PNNL
Lexie Goldberger	PNNL
Dave Goodman	PNNL
Rebecka Iveson	PNNL
Philip Meyer	PNNL
Dan Nally	PNNL
Rajiv Prasad	PNNL
Adrienne Rackley	PNNL
Dana Vesty	PNNL
Caitlin Wessel	PNNL
Quenette Alsup	Constellation Energy Generation, LLC (Constellation)
Brandon De Graaf	Constellation
Iba Ello Fletcher	Constellation
Jeremiah Haas	Constellation
Juliann Kramer	Constellation
Julian Laverde	Constellation
Rebecca Maddox	Constellation
Eric Magnuson	Constellation
Kristin Meek	Constellation
Daniel Murphy	Constellation
Hannah Pell	Constellation
Jason Peppmuller	Constellation
Eric Stein	Constellation
Jennifer Stepina	Constellation
Sarah Swienton	Constellation
Evan Tentinger	Constellation
Christopher Wilson	Constellation
Cheyenne Riggs	Enercon Services, Inc. (Enercon)
Derek Allen	Enercon
Emily Keenan	Enercon

Fred Woolridge	Enercon
Gary Edington	Enercon
Jay Hemmis	Enercon
Jennifer Meek	Enercon
Jerry Riggs	Enercon
Jonathan Subacz	Enercon
Lisa Santoro	Enercon
Mary Hoganson	Enercon
Rachel Turney-Work	Enercon
Stacy Burgess	Enercon

**December 12, 2024 – On-site Environmental audit**

<b>Attendee</b>	<b>Organization</b>
Angela Sabet	U.S. Nuclear Regulatory Commission (NRC)
Nancy Martinez	NRC
Jennifer Davis	NRC
Mark Yoo	NRC
Dan Nally	Pacific Northwest National Laboratory (PNNL)
Rebecka Iveson	PNNL
Lindsay Renaud	PNNL
Pell, Hannah E	Constellation Energy Generation, LLC (Constellation)
Allison Stalker	Constellation
Chris Wilson	Constellation
Kristin Meek	Constellation
Iba Fletcher	Constellation
Juliann Kramer	Constellation
Jason Peppmuller	Constellation
Sarah Swienton	Constellation
Jennifer Stepina	Constellation
Stacy Burgess	ENERCON
Jennifer Meek	ENERCON
Mary Hoganson	ENERCON
Alauna Keeley	Environmental Protection Agency