

exemption from requirements that are of a financial and/or administrative nature and would not have an impact on the human environment. Consistent with 10 CFR 51.21, the NRC conducted the EA for the proposed exemption, and this FONSI incorporates by reference the EA included in this document. Therefore,

the NRC concludes that the proposed action will not have significant effects on the quality of the human environment. Accordingly, the NRC has determined not to prepare an environmental impact statement for the proposed action.

IV. Availability of Documents

The documents identified in the following table are available to interested persons through ADAMS, as indicated.

Document description	ADAMS accession No.
Request for Exemption from 10 CFR 50.82(a)(8)(i)(A) and 10 CFR 50.75(h)(2) for the Haddam Neck Plant Independent Spent Fuel Storage Installation, dated April 24, 2023	ML23130A118.
Email to State of Connecticut providing draft environmental assessment related to Haddam Neck exemption request, dated April 5, 2024	ML24096B776.
Email Response from State of Connecticut on draft EA/FONSI, dated May 6, 2024	ML24129A058.
Haddam Neck Decommissioning Funding Assurance Status Report, dated March 6, 2023	ML23088A202.
Haddam Neck Plant—Release of Land from Part 50 License, November 26, 2007	ML073120350.

Dated: May 21, 2024.

For the Nuclear Regulatory Commission.

Yoira Diaz-Sanabria,

Chief, Storage and Transportation Licensing Branch, Division of Fuel Management, Office of Nuclear Material Safety and Safeguards.

[FR Doc. 2024-11553 Filed 5-24-24; 8:45 am]

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NUCLEAR REGULATORY COMMISSION

[Docket No. 99902100; NRC-2024-0078]

US SFR Owner, LLC.; Construction Permit Application

AGENCY: Nuclear Regulatory Commission.

ACTION: Notice; receipt.

SUMMARY: The U.S. Nuclear Regulatory Commission (NRC) is providing public notice each week for four consecutive weeks of receipt and availability of an application for a construction permit for a single unit reactor facility from US SFR Owner, LLC, a wholly owned subsidiary of TerraPower, LLC. The application for the construction permit was received on March 28, 2024, and a supplement to the application was submitted on May 2, 2024.

DATES: May 28, 2024.

ADDRESSES: Please refer to Docket ID NRC-2024-0078 when contacting the NRC about the availability of information for this action. You may obtain publicly available information related to this action by any of the following methods:

- *Federal Rulemaking Website:* Go to <https://www.regulations.gov> and search for Docket ID NRC-2024-0078. Address questions about Docket IDs in *Regulations.gov* to Stacy Schumann; telephone: 301-415-0624; email: Stacy.Schumann@nrc.gov. For technical

questions, contact the individual listed in the **FURTHER INFORMATION CONTACT** section of this document.

- *NRC's Agencywide Documents Access and Management System (ADAMS):* You may obtain publicly available documents online in the ADAMS Public Documents collection at <https://www.nrc.gov/reading-rm/adams.html>. To begin the search, select "Begin Web-based ADAMS Search." For problems with ADAMS, please contact the NRC's Public Document Room (PDR) reference staff at 1-800-397-4209, at 301-415-4737, or by email to PDR.Resource@nrc.gov. The ADAMS accession number for each document referenced (if it is available in ADAMS) is provided the first time that it is mentioned in this document.

- *NRC's PDR:* The PDR, where you may examine and order copies of publicly available documents, is open by appointment. To make an appointment to visit the PDR, please send an email to PDR.Resource@nrc.gov or call 1-800-397-4209 or 301-415-4737, between 8 a.m. and 4 p.m. eastern time (ET), Monday through Friday, except Federal holidays.

FOR FURTHER INFORMATION CONTACT: Mallecia Sutton, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001; telephone: 301-415-0673, email: Mallecia.Sutton@nrc.gov.

I. Discussion

On March 28, 2024, TerraPower, LLC (TerraPower), on behalf of US SFR Owner, LLC., a wholly owned subsidiary of TerraPower, filed an application for a construction permit for a single-unit power reactor facility located in Lincoln County, Wyoming, pursuant to section 103 of the Atomic Energy Act, as amended, and part 50 of title 10 of the *Code of Federal*

Regulations (10 CFR), "Domestic Licensing of Production and Utilization Facilities." The single-unit facility is to be identified as Kemmerer Power Station, Unit 1 and would be based on the TerraPower and General Electric-Hitachi Natrium reactor design which is a pool-type sodium fast reactor using metal fuel.

The application submitted on March 28, 2024, is available in ADAMS under Package Accession No. ML24088A059. Along with other documents, the ADAMS package includes the transmittal letter (ADAMS Accession No. ML24088A060), the preliminary safety analysis report (ADAMS Accession No. ML24088A065), and the environmental report (ADAMS Accession No. ML24088A072). The application was supplemented on May 2, 2024 (ADAMS Accession No. ML24123A242). The information submitted by the applicant includes certain administrative information submitted pursuant to 10 CFR 50.33, such as on financial qualifications; technical information submitted pursuant to 10 CFR 50.34; and the environmental report submitted pursuant to 10 CFR part 51, "Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions." These notices are being provided in accordance with the requirements in 10 CFR 50.43(a)(3).

The NRC staff is currently undertaking its acceptance review of the application. If the application is accepted for docketing, a subsequent **Federal Register** notice will be issued that addresses the acceptability of the construction permit application for docketing and provisions for participation of the public in the permitting process.

Dated: May 13, 2024.

For the Nuclear Regulatory Commission.
Mallecia A. Sutton,
*Senior Project Manager, Advanced Reactor
 Licensing Branch 1, Division of Advanced
 Reactors and Non-Power Production and
 Utilization Facilities, Office of Nuclear
 Reactor Regulation.*

[FR Doc. 2024-10728 Filed 5-24-24; 8:45 am]

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NUCLEAR REGULATORY COMMISSION

[Docket Nos. 72-78, 50-317, and 50-318;
 NRC-2024-0085]

Constellation Energy Generation, LLC; Calvert Cliffs Nuclear Power Plant, Units 1 and 2; Independent Spent Fuel Storage Installation; Exemption

AGENCY: Nuclear Regulatory
 Commission.

ACTION: Notice; issuance.

SUMMARY: The U.S. Nuclear Regulatory
 Commission (NRC) issued an exemption to
 Constellation Energy Generation,
 LLC, permitting Calvert Cliffs Nuclear
 Power Plant to maintain nine loaded
 and to load six new 37 multi-purpose
 canisters (MPC) with continuous basket
 shims in HI-STORM Flood/Wind MPC
 Storage System at its Calvert Cliffs
 Nuclear Power Plant, Unit 1 and Unit 2
 independent spent fuel storage
 installation in a storage condition where
 the terms, conditions, and specifications
 in the Certificate of Compliance No.
 1032, Amendment No. 1, Revision No.
 1, are not met.

DATES: The exemption was issued on
 May 20, 2024.

ADDRESSES: Please refer to Docket ID
 NRC-2024-0085 when contacting the
 NRC about the availability of
 information regarding this document.
 You may obtain publicly available
 information related to this document
 using any of the following methods:

- *Federal Rulemaking website:* Go to
<https://www.regulations.gov> and search
 for Docket ID NRC-2024-0085. Address
 questions about Docket IDs in
[Regulations.gov](https://www.regulations.gov) to Stacy Schumann;
 telephone: 301-415-0624; email:
Stacy.Schumann@nrc.gov. For technical
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 4737, between 8 a.m. and 4 p.m. eastern
 time (ET), Monday through Friday,
 except Federal holidays.

FOR FURTHER INFORMATION CONTACT: Yen-
 Ju Chen, Office of Nuclear Material
 Safety and Safeguards, U.S. Nuclear
 Regulatory Commission, Washington,
 DC 20555; telephone: 301-415-1018;
 email: Yen-Ju.Chen@nrc.gov.

SUPPLEMENTARY INFORMATION: The text of
 the exemption is attached.

Dated: May 21, 2024.

For the Nuclear Regulatory Commission.

Yoira Diaz-Sanabria,

*Chief, Storage and Transportation Licensing
 Branch, Division of Fuel Management, Office
 of Nuclear Material Safety, and Safeguards.*

Attachment—Exemption

NUCLEAR REGULATORY COMMISSION

Docket Nos. 72-78, 50-317, and 50-318

Constellation Energy Generation, LLC Calvert Cliffs Nuclear Power Plant Units 1 and 2

Independent Spent Fuel Storage Installation

I. Background

Constellation Energy Generation, LLC
 (Constellation) is the holder of Renewed
 Facility Operating License Nos. DPR-53
 and DPR-69, which authorize operation
 of the Calvert Cliffs Nuclear Power Plant
 (CCNPP), Units 1 and 2, in Lusby,
 Maryland, pursuant to part 50 of title 10
 of the *Code of Federal Regulations* (10
 CFR), "Domestic Licensing of
 Production and Utilization Facilities."
 The licenses provide, among other
 things, that the facility is subject to all
 rules, regulations, and orders of the U.S.
 Nuclear Regulatory Commission (NRC)
 now or hereafter in effect.

Consistent with 10 CFR part 72,
 subpart K, "General License for Storage
 of Spent Fuel at Power Reactor Sites,"
 a general license is issued for the storage
 of spent fuel in an Independent Spent
 Fuel Storage Installation (ISFSI) at
 power reactor sites to persons
 authorized to possess or operate nuclear

power reactors under 10 CFR part 50.
 Constellation is authorized to operate
 nuclear power reactors under 10 CFR
 part 50 and holds a 10 CFR part 72
 general license for storage of spent fuel
 at the CCNPP ISFSI. Under the terms of
 the general license, Constellation stores
 spent fuel at its CCNPP ISFSI using the
 HI-STORM Flood/Wind (FW) Multi-
 Purpose Canister (MPC) Storage System
 in accordance with Certificate of
 Compliance (CoC) No. 1032,
 Amendment No. 1, Revision No. 1.

II. Request/Action

By a letter dated March 22, 2024
 (Agencywide Documents Access and
 Management System [ADAMS]
 Accession No. ML24082A008),
 Constellation requested an exemption
 from the requirements of 10 CFR
 72.212(a)(2), 72.212(b)(3),
 72.212(b)(5)(i), 72.212(b)(11), and
 72.214 that require CCNPP to comply
 with the terms, conditions, and
 specifications of the CoC No. 1032,
 Amendment No. 1, Revision No. 1
 (ML15152A358). If approved,
 Constellation's exemption request
 would accordingly allow CCNPP to
 maintain nine loaded and to load six
 MPCs with continuous basket shims
 (CBS) (*i.e.*, MPC-37-CBS) in the HI-
 STORM FW MPC Storage System, and
 thus, to maintain and load the systems
 in a storage condition where the terms,
 conditions, and specifications in the
 CoC No. 1032, Amendment No. 1,
 Revision No. 1, are not met.

Constellation currently uses the HI-
 STORM FW MPC Storage System under
 CoC No. 1032, Amendment No. 1,
 Revision No. 1, for dry storage of spent
 nuclear fuel in MPC-37 at the CCNPP
 ISFSI. Holtec International (Holtec), the
 designer and manufacturer of the HI-
 STORM FW MPC Storage System,
 developed a variant of the design with
 CBS for the MPC-37, known as MPC-
 37-CBS. Holtec performed a non-
 mechanistic tip-over analysis with
 favorable results and implemented the
 CBS variant design under the provisions
 of 10 CFR 72.48, "Changes, tests, and
 experiments," which allows licensees to
 make changes to cask designs without a
 CoC amendment under certain
 conditions (listed in 10 CFR 72.48(c)).
 After evaluating the specific changes to
 the cask designs, the NRC determined
 that Holtec erred when it implemented
 the CBS variant design under 10 CFR
 72.48, as this is not the type of change
 allowed without a CoC amendment. For
 this reason, the NRC issued three
 Severity Level IV violations to Holtec
 (ML24016A190).

Prior to the issuance of the violations,
 Constellation had loaded nine MPC-37-