

clad with only zircaloy or ZIRLO™ is not necessary to achieve the purpose of these regulations.

A. The Exemption Is Authorized by Law

The NRC has authority under 10 CFR 50.12 to grant exemptions from the requirements of 10 CFR part 50 upon demonstration of proper justification. The fuel that will be irradiated at Callaway is clad with a zirconium-based alloy that is not expressly within the scope of 10 CFR 50.46 and 10 CFR part 50, appendix K. However, the NRC staff considers all other aspects of these regulations (e.g., acceptance criteria, prescribed methods, reporting requirements) applicable to the M5® cladding material, and the licensee states that it will ensure that these regulations are satisfied for operation with fuel clad with M5®. As discussed below, the NRC staff determined that special circumstances exist, which support granting the proposed exemption. Furthermore, granting the exemption would not result in a violation of the Atomic Energy Act of 1954, as amended, or the Commission's regulations. Therefore, the exemption is authorized by law.

B. The Exemption Presents No Undue Risk to Public Health and Safety

As summarized in the staff's safety evaluation supporting this exemption request (ML23234A152 (Enclosure 2)), the NRC-approved Topical Report BAW-10227P-A, Revision 1, which concerns the properties of the M5® alloy, provides assurance that predicted chemical, thermal, and mechanical characteristics of M5®-alloy cladding are acceptable under normal operation, anticipated transients, and postulated accidents. The NRC staff finds that by utilizing the methods and properties in NRC-approved TR (i.e., BAW-10227P-A), the licensee meets the acceptance criteria and analytical methods in 10 CFR 50.46 and appendix K to 10 CFR part 50, and thus, ensures acceptable safety margins for fuel clad with M5® that are consistent with those the NRC has established for zircaloy and ZIRLO™. Callaway cores involving M5® cladding will continue to be subject to the operating limits specified in the technical specifications (TSs) and core operating limits report. Thus, granting this exemption request does not pose undue risk to public health and safety.

C. The Exemption Is Consistent With the Common Defense and Security

The proposed exemption will allow the licensee to use an enhanced fuel rod cladding material relative to the zircaloy

material for which the requirements of 10 CFR 50.46 and 10 CFR part 50, appendix K were originally established. In addition to its review of the exemption request, the NRC staff has evaluated all licensing-basis changes necessary to support loading fuel clad with M5® in a separate SE for the related license amendment request for fuel transition. Based on these reviews, the NRC staff concludes that the use of M5® fuel rod cladding at Callaway will not significantly affect plant operations and is therefore consistent with the common defense and security.

D. Special Circumstances

Neither 10 CFR 50.46 nor 10 CFR part 50, appendix K explicitly applies to fuel clad with M5®. However, the underlying purpose of 10 CFR 50.46 and 10 CFR part 50, appendix K is to provide requirements capable of ensuring adequate core cooling following the most limiting postulated loss-of-coolant accident. As discussed above, Framatome has demonstrated in an NRC-approved TR (i.e., BAW-10227P-A) that application of the acceptance criteria and analytical methods required in 10 CFR 50.46 and 10 CFR part 50, appendix K to fuel clad with M5® is acceptable. The licensee stated in the exemption request that the core reload safety analyses will be used to confirm on a cycle-specific basis that there is no adverse impact on ECCS performance for Callaway. Therefore, strict application of the material-specific requirements for fuel cladding in 10 CFR 50.46 and 10 CFR part 50, appendix K is not necessary to achieve the underlying purpose of ensuring adequate core cooling in this instance. Furthermore, granting an exemption to allow application of the balance of these regulations to fuel clad with M5® at Callaway would be consistent with the underlying regulatory purpose.

E. Supplemental Information

For more technical details, refer to the SE associated with this exemption under ML23234A152 (Enclosure 2).

F. Environmental Considerations

As discussed in the SE associated with this exemption, the NRC staff determined that the exemption discussed herein meets the eligibility criteria for the categorical exclusion set forth in 10 CFR 51.22(c)(9) because it is related to a requirement concerning the installation or use of facility components located within the restricted area, as defined in 10 CFR part 20, and the granting of this exemption involves: (i) no significant hazards consideration, (ii) no significant

change in the types or a significant increase in the amounts of any effluents that may be released offsite, and (iii) no significant increase in individual or cumulative occupational radiation exposure. Therefore, in accordance with 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the NRC's consideration of this exemption request.

IV. Conclusions

Accordingly, the Commission has determined that, pursuant to 10 CFR 50.12, the exemption is authorized by law, will not present an undue risk to the public health and safety, and is consistent with the common defense and security. Also, special circumstances are present. Therefore, the Commission hereby grants Union Electric Company dba Ameren Missouri a one-time exemption from the requirements of 10 CFR 50.46 and 10 CFR part 50, appendix K. The proposed exemption request would permit application of the requirements of 10 CFR 50.46 and appendix K to fuel rods clad with M5® at Callaway. As stated above, this exemption relates solely to the cladding material specified in these regulations.

Dated at Rockville, Maryland, this 5th day of October, 2023

For the Nuclear Regulatory Commission.
Bo M. Pham,
Director, Division of Operating Reactor
Licensing, Office of Nuclear Reactor
Regulation.

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NUCLEAR REGULATORY COMMISSION

[NRC-2023-0001]

Sunshine Act Meetings

TIME AND DATE: Weeks of October 16, 23, 30, November 6, 13, 20, 2023. The schedule for Commission meetings is subject to change on short notice. The NRC Commission Meeting Schedule can be found on the internet at: <https://www.nrc.gov/public-involve/public-meetings/schedule.html>.

PLACE: The NRC provides reasonable accommodation to individuals with disabilities where appropriate. If you need a reasonable accommodation to participate in these public meetings or need this meeting notice or the transcript or other information from the public meetings in another format (e.g., braille, large print), please notify Anne Silk, NRC Disability Program Specialist,

at 301-287-0745, by videophone at 240-428-3217, or by email at Anne.Silk@nrc.gov. Determinations on requests for reasonable accommodation will be made on a case-by-case basis.

STATUS: Public.

Members of the public may request to receive the information in these notices electronically. If you would like to be added to the distribution, please contact the Nuclear Regulatory Commission, Office of the Secretary, Washington, DC 20555, at 301-415-1969, or by email at Betty.Thweatt@nrc.gov.

MATTERS TO BE CONSIDERED:

Week of October 16, 2023

Thursday, October 19, 2023

8:55 a.m. Affirmation Session (Public Meeting) (Tentative). Pacific Gas and Electric Co. (Diablo Canyon Independent Spent Fuel Storage Installation), Appeal of LBP-23-7 (Tentative). (Contact: Wesley Held: 301-287-3591)

Additional Information: The meeting will be held in the Commissioners' Conference Room, 11555 Rockville Pike, Rockville, Maryland. The public is invited to attend the Commission's meeting in person or watch live via webcast at the Web address—<https://video.nrc.gov/>.

9:00 a.m. Hearing on Construction Permit for Kairos Hermes Non-Power Test Reactor: Section 189a of the Atomic Energy Act Proceeding (Public Meeting). (Contact: Matthew Hiser: 301-415-2454; Tami Dozier: 301-415-2272)

Additional Information: The meeting will be held in the Commissioners' Conference Room, 11555 Rockville Pike, Rockville, Maryland. The public is invited to attend the Commission's meeting in person or watch live via webcast at the Web address—<https://video.nrc.gov/>.

Week of October 23, 2023—Tentative

There are no meetings scheduled for the week of October 23, 2023.

Week of October 30, 2023—Tentative

Thursday, November 2, 2023

9:00 a.m. Strategic Programmatic Overview of the Operating Reactors and New Reactors Business Lines (Public Meeting). (Contact: Jennie Rankin: 301-415-1530).

Additional Information: The meeting will be held in the Commissioners' Conference Room, 11555 Rockville Pike, Rockville, Maryland. The public is invited to attend the Commission's meeting in person or watch live via

webcast at the Web address—<https://video.nrc.gov/>.

Week of November 6, 2023—Tentative

There are no meetings scheduled for the week of November 6, 2023.

Week of November 13, 2023—Tentative

Thursday, November 16, 2023

9:00 a.m. Briefing on Region I Activities and External Engagement (Public Meeting). (Contact: Wesley Held: 301-287-3591)

Additional Information: The meeting will be held at the Market and Broad Conference Room, 475 Allendale Rd., Suite 102, King of Prussia, Pennsylvania. The public is invited to attend the Commission's meeting in person or watch live via webcast at the Web address—<https://video.nrc.gov/>.

Week of November 20, 2023—Tentative

There are no meetings scheduled for the week of November 20, 2023.

CONTACT PERSON FOR MORE INFORMATION:

For more information or to verify the status of meetings, contact Wesley Held at 301-287-3591 or via email at Wesley.Held@nrc.gov.

The NRC is holding the meetings under the authority of the Government in the Sunshine Act, 5 U.S.C. 552b.

Dated: October 11, 2023.

For the Nuclear Regulatory Commission.

Wesley W. Held,

Policy Coordinator, Office of the Secretary.

[FR Doc. 2023-22806 Filed 10-12-23; 11:15 am]

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NUCLEAR REGULATORY COMMISSION

[Docket No. 50-395; NRC-2023-0152]

Dominion Energy South Carolina, Inc.; Virgil C. Summer Nuclear Station, Unit No. 1

AGENCY: Nuclear Regulatory Commission.

ACTION: Subsequent license renewal application; opportunity to request a hearing and to petition for leave to intervene.

SUMMARY: The U.S. Nuclear Regulatory Commission (NRC) is considering an application for the subsequent license renewal of Renewed Facility Operating License No. NPF-12, which authorizes Dominion Energy South Carolina, Inc. (DESC) to operate Virgil C. Summer Nuclear Station, Unit No. 1 (V.C. Summer). The subsequent renewed license would authorize the applicant to operate V.C. Summer for an additional 20 years beyond the period specified in

the current license. The current operating license for V.C. Summer expires August 6, 2042.

DATES: A request for a hearing or petition for leave to intervene must be filed by December 15, 2023.

ADDRESSES: Please refer to Docket ID NRC-2023-0152 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-2023-0152. 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 **FOR 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.

- *Public Library:* A copy of the subsequent license renewal application for V.C. Summer can be accessed at the following public library: Fairfield County Library, 300 West Washington St, Winnsboro, SC 29180.

- *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: Marieliz Johnson, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001; telephone: 301-415-5861; email: Marieliz.Johnson@nrc.gov.

SUPPLEMENTARY INFORMATION:

I. Introduction

The NRC received a subsequent license renewal application (SLRA) from DESC, dated August 17, 2023