

administering a special licensing examination before that date for the individual would be substantial for both the facility licensee and the NRC, without a commensurate benefit to life or property, as determined above.

Based on the above, the NRC finds that the exemption is otherwise in the public interest.

#### *Environmental Considerations*

The NRC's approval of the exemption is categorically excluded under 10 CFR 51.22(c)(25) and there are no special circumstances present that would preclude reliance on this exclusion. The NRC staff determined, per 10 CFR 51.22(c)(25)(vi)(E), that the requirements from which the exemption is sought involve education, training, experience, qualification, requalification, or other employment suitability requirements. The NRC staff also determined that approval of the exemption involves no significant hazards consideration because it does not authorize any physical changes to the facility or any of its safety systems, nor does it change any of the assumptions or limits used in the facility licensee's safety analyses or introduce any new failure modes. There is no significant change in the types or significant increase in the amounts of any effluents that may be released offsite because the exemption does not affect any effluent release limits as provided in the facility licensee's technical specifications or by the regulations in 10 CFR part 20, "Standards for Protection Against Radiation." There is no significant increase in individual or cumulative public or occupational radiation exposure because the exemption does not affect limits on the release of any radioactive material, or the limits provided in 10 CFR part 20 for radiation exposure to workers or members of the public. There is no significant construction impact because the exemption does not involve any construction activities or changes to a construction permit. There is no significant increase in the potential for or consequences from radiological accidents because the exemption does not alter any of the assumptions or limits in the facility licensee's safety analysis. In addition, the NRC determined that there would be no significant impacts to biota, water resources, historic properties, cultural resources, or socioeconomic conditions in the region. As such, there are no special circumstances present that would preclude reliance on this categorical exclusion. Therefore, pursuant to 10 CFR 51.22(b), no environmental impact statement or

environmental assessment need be prepared in connection with the approval of the exemption.

#### **IV. Conclusion**

Accordingly, the Commission has determined that, pursuant to 10 CFR 55.11, the exemption is authorized by law, will not endanger life or property, and is otherwise in the public interest. Therefore, effective immediately, the Commission hereby grants, on a one-time basis, the request to exempt the specifically named individual from the 10 CFR 55.47(a)(1) requirement that his extensive actual operating experience at a comparable facility be within 2 years before the date of application.

Dated: November 23, 2021.

For the Nuclear Regulatory Commission.

**Brian D. Wittick,**

*Acting Deputy Director, Division of Operating Reactor Licensing, Office of Nuclear Reactor Regulation.*

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**BILLING CODE 7590-01-P**

#### **NUCLEAR REGULATORY COMMISSION**

**[NRC-2021-0213]**

#### **Target Fragilities for Equipment Vulnerable to High Energy Arcing Faults**

**AGENCY:** Nuclear Regulatory Commission.

**ACTION:** Draft research information letter; request for comment.

**SUMMARY:** The U.S. Nuclear Regulatory Commission (NRC) is issuing for public comment draft research information letter, "Target Fragilities for Equipment Vulnerable to High Energy Arcing Faults, Draft Report for Comment."

**DATES:** Submit comments by December 30, 2021. Comments received after this date will be considered if it is practical to do so, but the Commission is able to ensure consideration only for comments received on or before this date.

**ADDRESSES:** You may submit comments by any of the following methods; however, the NRC encourages electronic comment submission through the Federal Rulemaking website:

- *Federal Rulemaking Website:* Go to <https://www.regulations.gov> and search for Docket ID NRC-2021-0213. Address questions about Docket IDs in *Regulations.gov* to Stacy Schumann; telephone: 301-415-0624; email: [Stacy.Schumann@nrc.gov](mailto:Stacy.Schumann@nrc.gov). For technical questions, contact the individual listed in the **FOR FURTHER INFORMATION CONTACT** section of this document.

- *Mail comments to:* Office of Administration, Mail Stop: TWFN-7-A60M, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, ATTN: Program Management, Announcements and Editing Staff.

For additional direction on obtaining information and submitting comments, see "Obtaining Information and Submitting Comments" in the **SUPPLEMENTARY INFORMATION** section of this document.

#### **FOR FURTHER INFORMATION CONTACT:**

Gabriel J. Taylor, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, telephone: 301-415-0781, email: [Gabriel.Taylor@nrc.gov](mailto:Gabriel.Taylor@nrc.gov).

#### **SUPPLEMENTARY INFORMATION:**

#### **I. Obtaining Information and Submitting Comments**

##### *A. Obtaining Information*

Please refer to Docket ID NRC-2021-0213 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-2021-0213.

- *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, 301-415-4737, or by email to [PDR.Resource@nrc.gov](mailto:PDR.Resource@nrc.gov). The draft Research Information Report "Target Fragilities for Equipment Vulnerable to High Energy Arcing Faults, Draft Report for Comment" is available in ADAMS under Accession No. ML21326A010.

- *NRC's PDR:* You may examine and purchase copies of public documents, by appointment, at the NRC's PDR, Room P1 B35, One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852. To make an appointment to visit the PDR, please send an email to [PDR.Resource@nrc.gov](mailto:PDR.Resource@nrc.gov) or call 1-800-397-4209 or 301-415-4737, between 8:00 a.m. and 4:00 p.m. (ET), Monday through Friday, except Federal holidays.

##### *B. Submitting Comments*

The NRC encourages electronic comment submission through the Federal Rulemaking website (<https://www.regulations.gov>). Please include

Docket ID NRC–2021–0213 in your comment submission.

The NRC cautions you not to include identifying or contact information that you do not want to be publicly disclosed in your comment submission. The NRC will post all comment submissions at <https://www.regulations.gov> as well as enter the comment submissions into ADAMS. The NRC does not routinely edit comment submissions to remove identifying or contact information.

If you are requesting or aggregating comments from other persons for submission to the NRC, then you should inform those persons not to include identifying or contact information that they do not want to be publicly disclosed in their comment submission. Your request should state that the NRC does not routinely edit comment submissions to remove such information before making the comment submissions available to the public or entering the comment into ADAMS.

## II. Discussion

The NRC Office of Nuclear Regulatory Research (RES) is advancing the understanding and state-of-practice for modeling High Energy Arcing Faults (HEAF) in fire Probabilistic Risk Assessment (PRA). One important aspect of this research is to understand the HEAF effects on equipment important for nuclear safety. The high intensity and short duration of a HEAF exposure causes substantially different heat transfer conditions than a classical thermal fire case. As such, there was a need to develop HEAF specific damage and ignition limits to support advancements. The NRC collaborated with the Electric Power Research Institute (EPRI) to develop technical consensus positions on the damage and ignition limits of equipment important to plant safety and commonly evaluated in fire PRAs. The target fragility limits are based on operating experience, small and large scale testing, lessons learned from a Phenomena Identification and Ranking Table exercise, results from analytical tools, and judgement.

The draft research information letter presents the NRC–RES/EPRI working groups consensus on the damage and ignition limits of nuclear facility targets that are important to safety. It includes specific energy fluence levels that cause damage to components such as electrical cables, cable protective features, and non-segregated phase bus ducts. The conclusions from this report will be used in conjunction with HEAF hazard estimates to develop zones of influence to support improvements to fire PRA methods.

Dated: November 24, 2021.

For the Nuclear Regulatory Commission.

**Mark H. Salley,**

*Chief, Fire and External Hazards Analysis Branch, Division of Risk Analysis, Office of Nuclear Regulatory Research.*

[FR Doc. 2021–26018 Filed 11–29–21; 8:45 am]

**BILLING CODE 7590–01–P**

## NUCLEAR REGULATORY COMMISSION

[NRC–2021–0214]

### Monthly Notice; Applications and Amendments to Facility Operating Licenses and Combined Licenses Involving No Significant Hazards Considerations

**AGENCY:** Nuclear Regulatory Commission.

**ACTION:** Monthly notice.

**SUMMARY:** Pursuant to section 189.a.(2) of the Atomic Energy Act of 1954, as amended (the Act), the U.S. Nuclear Regulatory Commission (NRC) is publishing this regular monthly notice. The Act requires the Commission to publish notice of any amendments issued, or proposed to be issued, and grants the Commission the authority to issue and make immediately effective any amendment to an operating license or combined license, as applicable, upon a determination by the Commission that such amendment involves no significant hazards consideration (NSHC), notwithstanding the pendency before the Commission of a request for a hearing from any person. This monthly notice includes all amendments issued, or proposed to be issued, from October 15, 2021, to November 10, 2021. The last monthly notice was published on November 2, 2021.

**DATES:** Comments must be filed by December 30, 2021. A request for a hearing or petitions for leave to intervene must be filed by January 31, 2022.

**ADDRESSES:** You may submit comments by any of the following methods, however, the NRC encourages electronic comment submission through the Federal Rulemaking website:

- *Federal Rulemaking Website:* Go to <https://www.regulations.gov> and search for Docket ID NRC–2021–0214. Address questions about Docket IDs in *Regulations.gov* to Stacy Schumann; telephone: 301–415–0624; email: [Stacy.Schumann@nrc.gov](mailto:Stacy.Schumann@nrc.gov). For technical questions, contact the individual listed in the **FOR FURTHER INFORMATION CONTACT** section of this document.

- *Mail comments to:* Office of Administration, Mail Stop: TWFN–7–A60M, U.S. Nuclear Regulatory Commission, Washington, DC 20555–0001, ATTN: Program Management, Announcements and Editing Staff.

For additional direction on obtaining information and submitting comments, see “Obtaining Information and Submitting Comments” in the **SUPPLEMENTARY INFORMATION** section of this document.

### FOR FURTHER INFORMATION CONTACT:

Shirley Rohrer, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, Washington, DC 20555–0001, telephone: 301–415–5411, email: [Shirley.Rohrer@nrc.gov](mailto:Shirley.Rohrer@nrc.gov).

### SUPPLEMENTARY INFORMATION:

#### I. Obtaining Information and Submitting Comments

##### A. Obtaining Information

Please refer to Docket ID NRC–2021–0214, facility name, unit number(s), docket number(s), application date, and subject 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–2021–0214.
- *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, 301–415–4737, or by email to [PDR.Resource@nrc.gov](mailto: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:* You may examine and purchase copies of public documents, by appointment, at the NRC’s PDR, Room P1 B35, One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852. To make an appointment to visit the PDR, please send an email to [PDR.Resource@nrc.gov](mailto:PDR.Resource@nrc.gov) or call 1–800–397–4209 or 301–415–4737, between 8:00 a.m. and 4:00 p.m. (ET), Monday through Friday, except Federal holidays.

##### B. Submitting Comments

The NRC encourages electronic comment submission through the Federal Rulemaking Website (<https://www.regulations.gov>).