



## **NUCLEAR REGULATORY COMMISSION**

**[NRC-2020-0076]**

### **Volcanic Hazards Assessment for Proposed Nuclear Power Reactor Sites**

**AGENCY:** Nuclear Regulatory Commission.

**ACTION:** Regulatory guide; issuance.

**SUMMARY:** The U.S. Nuclear Regulatory Commission (NRC) is issuing a new Regulatory Guide (RG) 4.26, "Volcanic Hazards Assessment for Proposed Nuclear Power Reactor Sites." This RG provides guidance for facilitating the NRC staff's review of volcanic hazards assessments performed by applicants to support the siting of new nuclear power reactors. The RG also provides applicants with the methods and approaches the NRC staff considers acceptable for the assessment of volcanic hazards in license applications for sites with Quaternary volcanoes within the site region or with Quaternary volcanic deposits within the site vicinity.

**DATES:** RG 4.26 is available on **[INSERT DATE OF PUBLICATION IN THE *FEDERAL REGISTER*]**.

**ADDRESSES:** Please refer to Docket ID **NRC-2020-0076** 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-2020-0076**. Address questions about Docket IDs in Regulations.gov to Stacy Schumann; telephone: 301-415-0624; e-mail: [Stacy.Schumann@nrc.gov](mailto:Stacy.Schumann@nrc.gov). For technical questions, contact the individuals 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, 301-415-4737, or by e-mail 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.

- **Attention:** The PDR, where you may examine and order copies of public documents, is currently closed. You may submit your request to the PDR via e-mail at [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.

RG 4.26 and the regulatory analysis may be found in ADAMS under Accession Nos. ML20272A168 and ML20007D618, respectively.

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**FOR FURTHER INFORMATION CONTACT:** Jenise Thompson, Office of Nuclear Reactor Regulation, telephone: 301-415-1811, e-mail: [Jenise.Thompson@nrc.gov](mailto:Jenise.Thompson@nrc.gov) and Edward O'Donnell, Office of Nuclear Regulatory Research, telephone: 301-415-3317, e-mail: [Edward.Odonnell@nrc.gov](mailto:Edward.Odonnell@nrc.gov). Both are staff of the U.S. Nuclear Regulatory Commission, Washington DC 20555-0001.

## **SUPPLEMENTARY INFORMATION:**

### **I. Discussion**

The NRC is issuing a new guide in the NRC's "Regulatory Guide" series. This series was developed to describe and make available to the public information regarding methods that are acceptable to the NRC staff for implementing specific parts of the agency's regulations, techniques that the NRC staff uses in evaluating specific issues or postulated events, and data that the NRC staff needs in its review of applications for permits and licenses.

RG 4.26 was issued with a temporary identification of Draft Regulatory Guide, DG-4028.

### **II. Additional Information**

The NRC published a notice of the availability of DG-4028 in the *Federal Register* on March 20, 2020 (85 FR 16147) for a 60-day public comment period. The public comment period closed on May 19, 2020. Public comments on DG-4028 and the staff responses to the public comments are available in ADAMS under Accession No. ML20272A169.

### **III. Congressional Review Act**

This RG is a rule as defined in the Congressional Review Act (5 U.S.C. 801-808). However, the Office of Management and Budget has not found it to be a major rule as defined in the Congressional Review Act.

### **IV. Backfitting and Issue Finality**

Issuance of this RG does not constitute backfitting as defined in section 50.109 of title 10 of the *Code of Federal Regulations* (10 CFR), "Backfitting," and as described in NRC Management Directive 8.4, "Management of Backfitting, Forward Fitting, Issue Finality, and Information Requests"; constitute forward fitting as that term is defined and described in MD 8.4; or affect issue finality of any approval issued under 10 CFR part 52, "Licenses, Certificates, and Approvals for Nuclear Power Plants." As explained in this regulatory guide, applicants and licensees are not required to comply with the positions set forth in this regulatory guide.

Dated: June 23, 2021.

For the Nuclear Regulatory Commission.

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