

NUCLEAR REGULATORY COMMISSION

[NRC-2011-0097]

**Thermal Overload Protection for Electric Motors on Motor-Operated Valves**

**AGENCY:** Nuclear Regulatory Commission.

**ACTION:** Regulatory guide; issuance.

**SUMMARY:** The U.S. Nuclear Regulatory Commission (NRC or Commission) is issuing a revision to Regulatory Guide (RG) 1.106, "Thermal Overload Protection for Electric Motors on Motor-Operated Valves." This regulatory guide describes a method acceptable to NRC's staff for complying with NRC requirements for the application of thermal overload protection devices that are integral with the motor starter for electric motors on motor-operated valves.

**ADDRESSES:** Please refer to Docket ID **NRC-2011-0097** when contacting the NRC about the availability of information regarding this document. You may access information related to this document, which the NRC possesses and is publicly-available, using the following methods:

- **Federal Rulemaking Web site:** Go to <http://www.regulations.gov> and search for Docket ID **NRC-2011-0097**. Address questions about NRC dockets to Carol Gallagher; telephone: 301-492-3668; e-mail: [Carol.Gallagher@nrc.gov](mailto:Carol.Gallagher@nrc.gov).

- **NRC's Agencywide Documents Access and Management System (ADAMS):**  
You may access publicly-available documents online in the NRC Library at <http://www.nrc.gov/reading-rm/adams.html>. To begin the search, select "ADAMS Public Documents" and then 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 in this notice (if that document is available in ADAMS) is provided the first time that a document is referenced. The regulatory guide is available electronically under ADAMS Accession Number ML112580358. The regulatory analysis may be found in ADAMS under Accession Number ML120170063.

- **NRC's PDR:** You may examine and purchase copies of public documents at the NRC's PDR, Room O1-F21, One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852.

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## **SUPPLEMENTARY INFORMATION:**

### **I. Introduction**

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

Revision 2 of RG 1.106 was issued with a temporary identification as Draft Regulatory Guide, DG-1264. This regulatory guide describes a method acceptable to the NRC staff

regarding the application of thermal overload protection devices. This method would ensure that the thermal overload protection devices will not needlessly prevent the motor from performing its safety-related function.

## **II. Further Information**

DG-1264, was published in the *Federal Register* on May 02, 2011 (76 FR 24538) for a 60-day public comment period. The public comment period closed on June 28, 2011. The NRC staff's responses to the public comments on DG-1264 are available under ADAMS Accession Number ML112580363.

## **III. Backfitting and Issue Finality**

Issuance of this final regulatory guide does not constitute backfitting as defined in 10 CFR 50.109 (the Backfit Rule) and is not otherwise inconsistent with the issue finality provisions in 10 CFR Part 52. As discussed in the "Implementation" discussion of this regulatory guide, the NRC has no current intention to impose this regulatory guide on holders of current operating licenses or combined licenses. Accordingly, the issuance of this regulatory guide does not constitute "backfitting" as defined in 10 CFR 50.109(a)(1) or is otherwise inconsistent with the applicable issue finality provisions in 10 CFR Part 52.

This regulatory guide may be applied to applications for operating licenses and combined licenses docketed by the NRC as of the date of issuance of the final regulatory guide, as well as future applications for operating licenses and combined licenses submitted after the issuance of the regulatory guide. Such action does not constitute backfitting as defined in 10 CRF 50.109(a)(1) or is otherwise inconsistent with the applicable issue finality provision in

10 CFR Part 52, inasmuch as such applicants or potential applicants are not within the scope of entities protected by the Backfit Rule or the relevant issue finality provisions in 10 CFR Part 52.

Dated at Rockville, Maryland, this 17<sup>TH</sup> day of February 2012.

For the Nuclear Regulatory Commission.

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