

NUCLEAR REGULATORY COMMISSION
INTERNATIONAL ATOMIC ENERGY AGENCY DRAFT SAFETY GUIDE
Notice of Availability of Draft for Public Comment

The International Atomic Energy Agency (IAEA) is developing a limited number of internationally acceptable codes of practice and safety guides for nuclear power plants. These codes and guides will be developed in the following five areas: Government Organization, Siting, Design, Operation, and Quality Assurance. The purpose of these codes and guides is to provide IAEA guidance to countries beginning nuclear power programs.

The IAEA Codes of Practice and Safety Guides are developed in the following way. The IAEA receives and collates relevant existing information used by member countries. Using this collation as a starting point, an IAEA Working Group of a few experts then develops a preliminary draft. This preliminary draft is reviewed and modified by the IAEA Technical Review Committee to the extent necessary to develop a draft acceptable to them. This draft Code of Practice or Safety Guide is then sent to the IAEA Senior Advisory Group which reviews and modifies the draft as necessary to reach agreement on the draft and then forwards it to the IAEA Secretariat to obtain comments from the Member States. The Senior Advisory Group then considers the Member State comments, again modifies the draft as necessary to reach agreement and forwards it to the IAEA Director General with a recommendation that it be accepted.

As part of this program, Safety Guide SG-D5, "Man-Induced Events in Relation to Nuclear Power Plant Design," has been developed. The Working Group, consisting of K. Guenther of Federal Republic of Germany; V. Ramachandran of India; and J. F. Costello and J. O'Brien (U.S. Nuclear Regulatory Commission)

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of the United States of America, developed the initial draft of this Safety Guide from an IAEA collation during meetings on November 15-26, 1976, and October 24-28, 1977. The Working Group draft of this Safety Guide was modified by the IAEA Technical Review Committee on Design at its meetings on September 18-22, 1978, and April 23-27, 1979. The Senior Advisory Group subsequently reviewed and further modified this Guide at a meeting on October 8-12, 1979, and we are soliciting public comments on this modified draft (Rev. 4, November 20, 1979). Comments on this draft received by July 1, 1980, will be useful to the U.S. representatives to the Technical Review Committee and Senior Advisory Group in evaluating its adequacy prior to the next IAEA discussion. Single copies of this draft may be obtained by a written request to the Director, Office of Standards Development, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555.

(5 U.S.C. 522(a))

Dated at Rockville, Maryland this 12th day of May 1980.

FOR THE NUCLEAR REGULATORY COMMISSION

Robert B. Minogue

Robert B. Minogue, Director
Office of Standards Development