

UNITED STATES NUCLEAR REGULATORY COMMISSION
NOTICE OF AVAILABILITY OF DRAFT HUMAN ENGINEERING GUIDE
TO CONTROL ROOM EVALUATION

Notice is given that the Commission's Office of Nuclear Reactor Regulation has published a draft Human Engineering Guide to Control Room Evaluation which was prepared for the Commission by the Essex Corporation of Alexandria, Virginia. Identified as NUREG/CR-1580, the draft is available for inspection by the public in the Commission's Public Document Room at 1717 H Street, N.W., Washington, D.C., and in all other Commission Local Public Document Rooms. This document is a draft version of the control room design review guidelines described in Task 1.D of the NRC Action Plan developed as a result of the TMI-2 Accident, NUREG-0660. The guidelines are intended to provide guidance for a detailed control room design review to identify and correct design deficiencies. This review will be performed by all operating reactor licensees and applicants for operating licenses. Review subjects include an assessment of control room layout, the adequacy of the information provided, the arrangement and identification of important controls and instrumentation displays, the usefulness of the audio and visual alarm systems, the information recording and recall capability, the control room environment, and other considerations of human factors that have an impact on operator effectiveness.

Interested persons may submit comments on the draft guidelines for the Commission's consideration. Operating reactor licensees, applicants for

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operating licenses, and designated Federal agencies and organizations with experience in human factors analysis are being provided with copies of the draft guidelines. Comments on the draft guidelines received by the Commission will be made available for public inspection at the Commission's Public Document Room in Washington, D.C. Upon consideration of comments submitted with respect to the draft guidelines, the NRC will prepare final guidelines, the availability of which will be published in the Federal Register. The final guidelines will be identified as NUREG-0700.

The Commission staff plans to meet with operating reactor licensees and applicants for operating licenses, human factor engineering experts, and other interested parties at some time after comments on the draft guidelines have been received, but prior to publication of the final guidelines. The purpose of these meetings will be to review the guidelines in the context of the Commission's evaluation criteria that are to be developed and used by the Commission staff to judge the acceptability of the design reviews performed and the design modifications implemented. Notice of these meetings will be published in the Federal Register.

Comments on the draft Human Engineering Guide to Control Room Evaluation should be addressed to the U.S. Nuclear Regulatory Commission, Washington, D.C., 20555, Attention: Director, Division of Human Factors Safety. Comments are due by September 12, 1980.

Dated at Bethesda, Maryland, this 12th day of August, 1980.

D. Tondi

D. Tondi, Acting Chief
Human Factors Engineering Branch
Division of Human Factors Safety