

U.S. NUCLEAR REGULATORY COMMISSION

NUREG-0555
ENVIRONMENTAL STANDARD REVIEW PLANS
FOR THE ENVIRONMENTAL REVIEW OF CONSTRUCTION PERMIT
APPLICATIONS FOR NUCLEAR POWER PLANTS

NOTICE OF ISSUANCE AND AVAILABILITY
"FOR COMMENT"

PROPOSED ESRP SECTION 7.1.1
"ENVIRONMENTAL IMPACTS OF POSTULATED ACCIDENTS INVOLVING RADIOACTIVE
MATERIALS - RELEASES TO GROUNDWATER"

The U.S. Nuclear Regulatory Commission (NRC) has published proposed Environmental Standard Review Plan (ESRP) Section 7.1.1 of NUREG-0555 (Environmental Standard Review Plans for the Environmental Review of Construction Permit Applications for Nuclear Power Plants).

This proposed ESRP provides guidance to the staff for preparation of environmental assessments of "Radiological Impacts - Releases to Groundwater", an input to the staff's Environmental Statement which addresses the groundwater pathway consequences from postulated reactor core-melt accidents. The ESRP lists the type of information which should be collected, references that may be useful, and provides a procedure for uniform staff review of applicant analyses. The ESRP is applicable to both Construction Permit and Operating License Stage reviews.

Since July, 1980, the staff has been required to include in Commercial Reactor Environmental Impact Statements an analysis of the radiological exposure pathways to man (including groundwater) from a postulated core-melt accident. This requirement was contained in the Commission's Statement of Interim Policy Regarding Nuclear Power Plant Accident

Considerations Under the National Environmental Policy Act of 1969 (45 FR 40101, June 13, 1980). The ESRP is a codification of staff review practice that has developed in response to the Interim Policy Statement. The ESRP does not place any new requirements on applicants. The ESRP also permits the use of future source term and probabilistic studies when they become available.

Comments are solicited from interested organizations, groups, and individuals. The staff will evaluate the comments received, and address them, as appropriate, in the final ESRP.

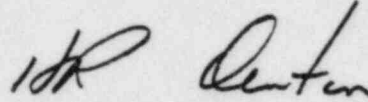
Requests for copies of the "For Comment" document should be sent to the U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Mr. Ronald Ballard. Other copies will be available for review at the NRC Public Document Room, 1717 H Street, NW, Washington, D.C. 20555, telephone (202) 634-3273 within two weeks of the publication of this notice.

Comments should be sent to Mr. Ronald Ballard at the above address by

60 days after publication

Dated at Bethesda, Maryland, this 15th day of *May* 1985.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in dark ink, appearing to read "H. R. Denton". The signature is stylized with a large, looped "H" and a cursive "Denton".

Harold R. Denton, Director
Office of Nuclear Reactor Regulation