

**AUTHORIZATION TO PUBLISH A NUREG-SERIES DOCUMENT  
PREPARED BY A CONTRACTOR FOR THE NRC STAFF**

2. TITLE AND SUBTITLE (State in full, using capital letters as they should appear on the report.)

3. NRC JOB CODE  
(Do not list DOE contract number)

4. AUTHORS (List all with last name and first two initials.)

5. TYPE OF DOCUMENT (Check appropriate box)  
 A. Contractor-Prepared Report  
 B. International Agreement Report  
 C. Conference Proceedings

6. CONTRACTOR (SUBCONTRACTOR, if applicable) NAME AND COMPLETE MAILING ADDRESS FOR EACH (include ZIP code)

TELEPHONE NUMBER

E-MAIL I.D.

7. DISTRIBUTION

- A. List alphanumeric codes for distribution lists, such as 1M or C3. See NUREG/BR-0188, "Distribution List Descriptions for NRC Reports and Documents", or call 310-415-2070 to obtain a copy.
- B. Provide peel-off mailing labels for addressees not included in NRC distribution lists; if NRC staff, provide name and mail stop only; if non-NRC addressees, provide complete mailing address.
- C. If more than one copy is required for an addressee, indicate the number of copies in parentheses on the label.
- D. Include number of copies for the NRC Publication Project Manager, giving name and mail stop.

**8. CERTIFICATION (ANSWER ALL QUESTIONS)**  
(Contact the IT Customer Services Branch, Office of the Chief Information Officer, at 301-415-1234 for instructions if the report contains a computer code)

YES NO

A. REFERENCE AVAILABILITY -- Is all material referenced in this report available to the public either through a public library, the Government Printing Office, the National Technical Information Service, or the NRC Public Document Room? If no, list below the specific availability of each referenced document.

SPECIFIC AVAILABILITY (Include attachment if necessary)

B. COPYRIGHTED MATERIAL -- Does this report contain copyrighted material? If yes, attach a letter of release to print or to post to the www from the source that holds the copyright. See NUREG-0650, Rev. 2, "Preparing NUREG-Series Publications."

C. PATENT CLEARANCE -- Does this report require patent clearance? If yes, the NRC Patent Counsel must signify clearance by signing below.

NRC PATENT COUNSEL (Type or print name)

SIGNATURE

DATE

D. METRIC UNIT CONVERSION -- Does this report contain measurement and weight values? If yes, all must be converted to the International System of Units, followed by the English units in brackets, pursuant to the NRC Policy Statement implementing the Omnibus Trade and Competitiveness Act of 1988, Executive Order 12770, July 25, 1991.

E. FEDERAL REGISTER NOTICE -- Will a Federal Register Notice of Availability be issued? If yes, submit copy of draft notice with manuscript.

F. COLOR PRINTING -- Will this report require color printing? If yes, use of color must be approved by the Chief, Publishing Services Branch, OCIO. Attach a copy of approval.

G. POSTING ON WWW -- Is this publication to be posted on the WWW? If yes, you must have approval by the Chief, Publishing Services Branch, OCIO. Attach a copy of approval and the disks containing the files. These files must match the final version sent to print.

Contact the Records Management Branch (RMB), Office of the Chief Information Officer, at 301-415-7233 or E-mail address BJS1, to review this NUREG-series document and have RMB staff sign below.

RMB STAFF (Type or print name)

SIGNATURE

DATE

A NUREG-series publication may not contain a legally binding regulatory requirement. Your signature in Block 10C certifies that this publication contains none.

**9. AUTHORIZATION TO PRINT**

A. CONTRACTOR AUTHORIZING OFFICIAL (if applicable -- type or print)

SIGNATURE

DATE

B. NRC PUBLICATION PROJECT MANAGER (Type or print name)

SIGNATURE

DATE

OFFICE/DIVISION

TELEPHONE NUMBER

MAIL STOP

E-MAIL I.D.

C. NRC OFFICIAL AUTHORIZING PUBLICATION (Type or print)

SIGNATURE

DATE

OFFICE/DIVISION

TELEPHONE NUMBER

MAIL STOP

E-MAIL I.D.