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July 15, 1982

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# TOPICAL REPORT REVIEW STATUS

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UNITED STATES NUCLEAR REGULATORY COMMISSION



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# TOPICAL REPORT REVIEW STATUS

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**Prepared for: OFFICE OF NUCLEAR REACTOR REGULATION**

**Prepared by: OFFICE OF RESOURCE MANAGEMENT  
U.S. NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555**



NOTICE

THE TOPICAL REPORT REVIEW STATUS WILL BE DISTRIBUTED TO COGNIZANT NRC STAFF MEMBERS AND TO INDUSTRIAL ORGANIZATIONS PARTICIPATING IN THE TOPICAL REPORT PROGRAM. COPIES WILL BE PLACED IN THE NRC PUBLIC DOCUMENT ROOM FOR REFERENCE AND COPYING.

IN ORDER TO BE ADDED TO THE DISTRIBUTION LIST IN THE FUTURE, NRC EMPLOYEES SHOULD CALL S. DISILVESTRE ON X-27914. NON-NRC REQUESTORS SEE INSIDE FRONT COVER.

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ACS INDUSTRIES	II-1	J. Berggren	SSPB
AEROJET	II-2	J. Berggren	SSPB
AIR PRODUCTS & CHEMICALS	II-3	J. Berggren	SSPB
ALLIS-CHALMERS POWER SYSTEMS	II-4	J. Berggren	SSPB
AMERICAN AIR FILTER	II-5	J. Berggren	SSPB
AMERICAN INST. FOR STEEL CONST.	II-6	W. Haass	QAB
AMERICAN SOCIETY OF MECHANICAL ENGINEERS	II-7	W. Haass	QAB
ANACONDA COMPANY	II-8	W. Haass	QAB
ARKANSAS POWER	II ,	W. Haass	QAB
ATCOR ENGINEERED SYSTEMS INC.	II-10	J. Berggren	SSPB
ATOMICS INTERNATIONAL	II-11	J. Berggren	SSPB
BABCOCK & WILCOX	II-12	J. Berggren W. Haass	SSPB QAB
BECHTEL	II-33	J. Berggren W. Haass	SSPB QAB
BLACK AND VEATCH	II-35	W. Haass	QAB
BROWN & ROOT	II-36	J. Berggren W. Haass	SSPB QAB
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BYRON JACKSON & BORG WARNER Corp.	II-38	J. Berggren	SSPB
C. F. BRAUN	II-39	W. Haass	QAB
CHEM-NUCLEAR SYSTEMS, INC.	II-40	J. Berggren	SSPB
COMBUSTION ENGINEERING	II-41	J. Berggren W. Haass	SSPB QAB
COMMONWEALTH EDISON CO.	II-52	W. Haass	QAB
CONSUMERS POWER COMPANY	II-53	W. Haass	QAB
COORDINATING AGENCY FOR SUPPLIER EV	II-54	W. Haass	QAB
CVI	II-55	J. Berggren	SSPB
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DUKE POWER	II-57	W. Haass	QAB
EBASCO SERVICES	II-58	J. Berggren W. Haass	SSPB QAB
ECOLAIRE CONDENSER INC.	II-59	J. Berggren	SSPB
EDERER INCORPORATED	II-60	J. Berggren	SSPB
EXXON	II-61	J. Berggren W. Haass	SSPB QAB
FARR CO.	II-63	W. Haass	QAB
FLORIDA POWER & LIGHT	II-74	W. Haass	QAB
FLUOR POWER SYSTEMS	II-75	W. Haass	QAB
FOX INDUSTRIES	II-76	J. Berggren	SSPB
GENERAL ATOMIC	II-77	J. Berggren W. Haass	SSPB QAB
GENERAL ELECTRIC	II-80	J. Berggren W. Haass	SSPB QAB
GIBBS & HILL	II-98	W. Haass	QAB
GILBERT ASSOCIATES	II-99	J. Berggren	SSPB
GULF & WESTERN	II-100	J. Berggren	SSPB
H. H. ROBERTSON COMPANY	II-101	J. Berggren	SSPB
HITTMAN NUCLEAR & DEVELOPMENT CORP.	II-102	J. Berggren	SSPB
J. A. JONES CONSTRUCTION COMPANY	II-103	W. Haass	QAB
J. G. C. CORPORATION	II-104	J. Berggren	SSPB
JOHN BLUME & ASSOCIATES	II-105	J. Berggren	SSPB
MISSISSIPPI POWER & LIGHT	II-106	W. Haass	QAB
NEWPORT NEWS INDUSTRIALS	II-107	J. Berggren	SSPB
NORTHEAST UTILITIES	II-108	W. Haass	QAB
OTTO H. YORK	II-109	J. Berggren	SSPB
OWENS CORNING FIBERGLASS	II-110	J. Berggren	SSPB
PACIFIC NORTHWEST	II-111	W. Haass	QAB

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RALPH N. PARSONS QA PROGRAM	II-113	W. Haass	QAB
SAN DIEGO GAS & ELECTRIC	II-114	W. Haass	QAB
SARGENT & LUNDY	II-115	W. Haass	QAB
SCANDPOWER INC.	II-116	J. Berggren	SSPB
SEACS	II-117	J. Berggren	SSPB
SOUTHERN CALIFORNIA EDISON CO.	II-118	W. Haass	QAB
SPRAYING SYSTEMS COMPANY	II-119	J. Berggren	SSPB
STOCK EQUIPMENT COMPANY	II-120	J. Berggren	SSPB
STONE & WEBSTER	II-121	J. Berggren W. Haass	SSPB QAB
TELEDYNE ENERGY	II-123	J. Berggren	SSPB
TENNESSEE VALLEY AUTHORITY	II-124	J. Berggren W. Haass	SSPB QAB
TRANS NUCLEAR	II-126	J. Berggren	SSPB
UNITED ENGINEERS & CONSTRUCTORS	II-127	J. Berggren W. Haass	SSPB QAB
U.S. TOOL & DIE	II-128	J. Berggren	SSPB
UTILITY GROUP FOR REG. APPLICATION	II-129	J. Berggren	SSPB
VIRGINIA ELECTRIC & POWER COMPANY	II-130	J. BERGGREN W. HAASS	SSPB QAB
WASHINGTON PUBLIC POWER SUPPLY	II-132	W. Haass	QAB
WERNER & PFLEIDERER CORP.	II-133	J. Berggren	SSPB
WESTINGHOUSE	II-134	J. Berggren W. HAASS	SSPB QAB
WESTINGHOUSE STEAM TURBINE-GENERATOR	II-177	J. Berggren	SSPB
YANKEE ATOMIC ELECTRIC COMPANY	II-178	W. Haass	QAB



#### CAVEAT

A Topical Report Review Status is scheduled to be published semi-annually. The primary purpose of this document is to provide periodic progress reports of on-going topical report reviews, to identify those topical reports for which the Nuclear Regulatory Commission (NRC) staff review has been completed and, to the extent practicable, to provide NRC management with sufficient information regarding the conduct of the topical report program to permit taking whatever actions deemed necessary or appropriate. This document is also intended to be a source of information to NRC Licensing Project Managers and other NRC personnel regarding the status of topical reports which may be referenced in applications for which they have responsibility.

This status report is published primarily for internal NRC use in managing the topical report program, but is also used by NRC to advise the industry of report review status.

The NRC would appreciate receiving comments as to any apparent errors of fact or omission. These comments should be directed to the appropriate NRC Program Manager.

## NUCLEAR REGULATORY COMMISSION LICENSING TOPICAL REPORT PROGRAM

### 1. Purpose

The purpose of the Nuclear Regulatory Commission (NRC) Licensing Topical Report Program is to provide a procedure whereby industry organizations may, upon their own volition or at the request of the NRC staff, submit reports on specific safety related subjects to the NRC and have them reviewed independently of any construction permit or operating license review. The benefits resulting from this program are a minimization of time and effort required of both industry and the NRC on subjects repeated in numerous licensing actions. The safety related subject addressed in a topical report should be applicable to a number of facilities licensed for operation or construction, or to a number of current or anticipated applications for construction permits or standardized reference design approvals.

### 2. NRC Program Managers

A Nuclear Regulatory Commission Program Manager (PM) has been or will be assigned for each industry organization which has a topical report program acceptable to the NRC. In addition, the NRC has assigned a PM specifically for quality assurance topical reports. The assigned PM is responsible for accepting or rejecting specific topical reports submitted to the NRC for review. When a report is accepted for review, the PM is responsible for directing and monitoring the staff review and for all liaison and correspondence between the NRC staff and the industry organization. A current listing of NRC Program Managers is given in the TABLE OF CONTENTS (Section II).

### 3. Procedures for Accepting New Topical Reports for Review

No new report submitted by any organization is to be accepted as a topical report unless the PM determines that it qualifies as such. In making such a determination all four of the following criteria should be met:

- (1) The report deals with a specific subject regarding a nuclear power plant that requires a safety assessment by the NRC staff, such as component design, analytical models or techniques, or performance testing of components and/or systems, which can be evaluated independently of any specific license application;
- (2) The report is, or is expected to be, referenced in a number of license or standardized reference design approval applications;
- (3) The report contains complete and detailed information on the specific subject presented. Conceptual or incomplete preliminary information will not be reviewed.

(4) NRC approval of the report will result in increased efficiency of the review process for applications which reference the report.

Proposed topical reports addressing a new design or procedure not currently addressed in any license or standardized reference design approval application will require special consideration. In support of such a topical report the sponsoring organization must provide documentation from at least two potential applicants of their intent to reference a proposed topical report. This is required to demonstrate the intention of applicants to use the NRC staff review prior to the commitment of resources to perform the review. It is not the intent of the Topical Report Program to provide engineering evaluations of feasibility, economics, or desirability of material submitted, which could directly or indirectly be used in sales promotion efforts.

Exceptions to these acceptance requirements may be permissible. These exceptions must be based on a staff decision that the evaluation of a proposed topical report is in the public interest. This would encompass a consideration of whether the evaluation would contribute to the formation of a broader base for resolution of a present or developing safety related subject generally evidenced by the experience from operating nuclear power plants. As an example, a proposed topical report on a new pump design might be accepted for review, if experience at operating nuclear power plants indicated that currently installed pumps might be expected to infringe on the margins of safety to an unacceptable degree, and the new pump design might reasonably be expected to remedy the developing program.

These exceptions will include a determination that NRC staff resources expended in the review of the topical report will provide a foreseeable benefit equal to or greater than the impact from redirection and reduction of resources committed to other ongoing license actions, topical report reviews, or generic technical issues.

When an industry organization is planning a report which it believes can qualify as a topical report for staff review, it should contact the cognizant Program Manager (PM) well in advance of the planned submittal. The PM will obtain from the organization the scope and content of the report, the licensing reviews affected by the report and the proposed submittal and review schedules. The NRC staff technical specialists responsible for the subject areas addressed in the proposed report will review the proposal and provide comments to the PM. A determination then is made as to whether the report should be accepted as a topical report.

The PM will inform the organization of the results of this determination within 60 days from the date of receipt of information on the proposed report. If the report qualifies as a topical, it may then be formally submitted for review.

A quarterly forecast of all reports planned for submittal will assist in establishing acceptable review schedules. The forecast should include abstracts and note the applications that will be referencing the proposed topical reports.

The NRC staff may also identify the desirability for addressing a safety matter in a topical report. In such a case the PM will contact the industry organization and discuss the desirability of submitting the report. If the organization agrees to prepare such a report, it will formally submit the report for review.

Other types of reports, for example, information reports that provide background information or data tabulations, that do not meet the criteria for topical reports may still be submitted as special reports, but the greatest benefit will be derived from having reports incorporated in the Nuclear Regulatory Commission Topical Report Program and having them referenced in numerous licensing applications.

#### 4. Handling of Company Proprietary Reports

When an industry organization submits a licensing topical report for NRC staff review pursuant to the NRC Topical Report Program and that submitter considers that portions of the submittal contain confidential business (proprietary) information, the submitted reports must include explicit indication of information considered proprietary. This indication may be done by marking (underline and/or marginline) the text and figures within the body of the report, by inclusion of an index to the proprietary material location, or by some other method proposed by the submitting industrial organization and approved by the NRC Project Manager.

Upon submittal of a properly marked proprietary licensing topical report, the NRC staff will send the submitter a letter which receipts the submitted report and describes the conditions under which the NRC will protect this information. Basically, since the material was submitted as a licensing topical report for the staff review and was not yet a license docket specific item this material will be treated by NRC as proprietary information within the provision of 10 CFR 9.5(4) "Freedom of Information Act Regulations" with the following exceptions:

- (1) Information which is found to be generally available to the public will not be treated as proprietary.
- (2) Information which is available to the government or becomes available on an unrestricted basis will thereafter be treated as non-proprietary.
- (3) Documentary material requested under the Freedom of Information Act (5 U.S.C. 552) will be reviewed at the time the request is received and a determination made whether such information may be withheld from disclosure. This determination will be made on the basis of additional information which will be required to be furnished to the NRC in support of the (submitter's) proprietary position.
- (4) The NRC, under a nondisclosure agreement, may disclose this information to licensees and applicants if such disclosure is necessary to assure that the public health and safety is adequately protected.

If there is a need to consider the public disclosure of the (Submitter's) identified proprietary material, it is our intention that (Submitter) would be notified prior to making a disclosure determination and that such a determination would be made in accordance with the procedures and conditions of 10 CFR 9, Subpart A. Should (Submitter) employ these data as part of any license application or any other action identified in 10 CFR 2.790(a), such data shall be separately submitted and such submittal shall include an

application for withholding accompanied by an affidavit meeting the requirements of 10 CFR 2.790(b).

Subsequent submittals, i.e., correspondence, revisions, supplements, responses to questions, etc. in regard to the original licensing topical report submittal shall likewise have specifically indicated as proprietary such information the submitter considers proprietary. This proprietary information will receive the same treatment and protection as the original submittal but the staff will not separately by letter, receipt each subsequent item.

It is important to note that the above procedure replaces the previous requirements for submittal of proprietary licensing topical reports to comply with the provisions of 10 CFR 2.790(b) during the review period, particularly with respect to requirements for concurrent submittal of nonproprietary versions. However, the provisions of 10 CFR 2.790(b) are required when the accepted licensing topical report incorporating the acceptance letter and SER is submitted and/or when the licensing topical report is referenced in a docket specific license application, i.e., all proprietary reports which have been accepted for referencing in licensing applications or have been referenced, pending acceptance, in license applications must be accompanied by a non-proprietary version.

If the accepted proprietary report should become non-proprietary the submitting industry organization must inform the NRC of the change.

If any questions arise concerning the submittal requirements or protection provisions relevant to proprietary information, contact the Chief, Standardization and Special Projects Branch.

#### 5.0 Procedures for Submittal

Reports submitted under the Nuclear Regulatory Commission's Licensing Topical Report Program must be submitted under a letter of transmittal. The first paragraph of this letter of transmittal must include a statement that the applicant, by name is submitting a licensing topical report under the NRC Topical Report Program for review and acceptance for referencing in licensing actions. This paragraph must specify the report identification symbol (See 5.2 below), the title and issue date.

#### 5.1 Number of Licensing Topical Report Copies Required

Licensing Topical Reports accepted for review may be submitted either in microfiche/hard copy or all hard copy. Submittals shall be in the following quantities with the understanding that additional copies will be made available to the staff upon request.

<u>Report Classification</u>	<u>Hard Copy</u>	<u>Microfiche/Hard Copy</u>
Non Proprietary Reports	35	1/3
Proprietary Reports Prop Version	25	1/3
Non Prop Version	15	1/3

These quantity requirements pertain to all review submittals including initial submittals, amendments, supplements, responses to requests for additional information, and NRC accepted versions.

If microfiche is used as a submittal medium it must conform to the following:

1. All source documents will be recorded on microfiche in the NMA Type 1 format (ANSI/NMA MS.5) consisting of 98 frames arranged in 7 rows and 14 columns.
2. The reduction ratio shall be 24:1.
3. The microfiche will be standard 148mm x 105mm.
4. The microfiche must be a silver-halide master copy or a silver-halide duplicate copy placed in individual acid free envelopes.
5. Title information must be eye readable and contain at a minimum (1.) report number in upper left hand corner (2.) report title, centered (3.) date, below report number (4.) vendor name, right hand side.
6. Foldouts, if any, must be segmented and filmed in logical order.
7. The first frame shall be blank.
8. The second frame shall contain the resolution target. (NMS 1010A).
9. Any microfiche containing proprietary information will be submitted with the word PROPRIETARY clearly identified in a yellow striped header.
10. Any reports not containing proprietary information will be submitted on microfiche with a clear or unstriped header area.

Any questions on the submittal of microforms to the NRC should be addressed to the NRC Records Management Analyst (Micrographics), Division of Technical Information and Document Control, Washington, D.C. 20555 (301-492-8137).

Upon conclusion of a staff review during which a report is judged acceptable, the industry organization shall publish an approved version of its topical report which includes a copy of the staff evaluation letter which shall be inserted immediately following the title page (see also 5.2 below).

## 5.2 Report Identification

Each topical report shall have a unique alpha-numeric identification symbol for filing and reference purposes. Except as follows, these symbols can be specified at the discretion of the submitting organization.

Each organization submitting topical reports should coordinate with the NRC staff to assure that the identification symbol it selects does not

conflict with that of another organization or result in confusion with it. All proprietary reports shall include a -P following the identification symbol. Each non-proprietary version of proprietary reports shall have the same identification symbol as the corresponding proprietary report except that it should include an -NP following the identification symbol. NRC approved versions of topical reports shall include a -A following the identification symbol (-P-A for proprietary reports).

All responses to NRC comments or requests for additional information regarding a specific topical report shall be identified by the symbol for that report followed by Amend. XX where XX is a sequential amendment number beginning with 1 for the first amendment.

### 5.3 Correspondence

All correspondence regarding topical reports should be addressed to the Chief, Standardization & Special Projects Branch and must specifically identify the appropriate report identification symbol (See 5.2 above).

### 6. Requests for Additional Information During the Review Cycle

Requests for additional information and/or comments on a topical report under review can be handled either by a meeting or by letter. Written requests to an industry organization for additional information on topical reports will be transmitted by the Chief, Standardization and Special Projects Branch. As the industry organization provides answers to staff comments during the review, the responses shall be submitted as amendments to the original report. Meetings with an industry organization to discuss the contents of a topical report will be scheduled by the PM or the review branch, at the discretion of the PM.

### 7. Topical Report Evaluation

When a topical report is found to be acceptable for referencing, the extent of and the conditions for acceptance, if any, will be identified in the letter transmitting the results of the evaluation (see 10.2, which follows, for further discussion of this matter). For proprietary reports, the transmittal letter will state that both proprietary and non-proprietary versions must be referenced in future license applications. The staff evaluation and letter of transmittal shall be incorporated in the final acceptance version of the reports when submitted as described in 5.1 above.

8. Public Document Room

All non-proprietary correspondence regarding the review of topical reports, and all non-proprietary topical reports and non-proprietary versions of proprietary reports will be placed in the NRC Public Document Room. Care will be taken by the industry organization and the staff to avoid using any information identified as proprietary by the industry organization in any of the above correspondence and in topical report evaluations. While topical reports are not placed in local PDRs, non-proprietary versions are available upon specific request.

9. Status Reports

Each industry organization submitting topical reports will be periodically advised of the review status of his reports by the appropriate PM. This is normally accomplished by providing the industry organization with a copy of the semi-annual NRC TRR Book but may also be done by other means at the discretion of the PM.

10. Guidance for Industry Organization Who Prepare Topical Reports

Because of the diversity of the subject matter addressed by topical reports, it is not practical to prescribe a standard format for a report as a whole; however, certain minimum requirements should be met.

10.1 Abstract

The report must include an abstract not to exceed one page in length which summarizes the contents of the report and the conclusions reached. (Note: As stated in 5.1 above, for a report approved by the NRC, the staff evaluation letter of NRC approved reports is to be inserted immediately following the title page and thus just in front of the abstract.)

10.2 Introduction

The report should have an introductory section which delineates the purpose of the report and clearly defines its scope and applicability. If there are any limitations or restrictions on the use of the report or its results or conclusions as determined by either the staff or the industry organization, these should also be listed in this section. The purpose of this information is to guide the users of the report.

10.3 References

The report should include a listing of all pertinent references.



#### 10.4 Body of Report

The remaining body of the report may be organized according to the discretion of the industry organization to suit its needs and the subject matter of the report; however, it is recommended that long tabulations of data such as test results, computer program descriptions, detailed technical analyses or derivations and the like be included as appendices when they are included as information supporting statements or conclusions and are not, in themselves, the subject of the report.

#### 10.5 Subject Matter

Diverse or unrelated subjects should be addressed in separate topical reports to the extent practical rather than combined in one report.

#### 11.0 Withdrawal of Topical Reports

With the passage of time, a specific topical report may become obsolete as determined by either the NRC staff or the industry organization because the report does not adequately address the current state of the technology; it is no longer applicable because NRC criteria or regulations have changed; or for other reasons. In this event, the industry organization may on his own initiative request that the report be withdrawn, or the NRC staff may advise the industry organization to do so. On receipt of a letter from an industry organization requesting withdrawal of a specific topical report, the staff will categorize it as "withdrawn" which means that the report subsequently will not be acceptable as a reference in license applications. The report should, in general, be replaced by an updated or new topical report which has a new report identification symbol to avoid confusion with the withdrawn report.

If an ind. org. fails to withdraw an obsolete report, the staff may categorize it as "not acceptable" for reference even though the report may have previously been found to be "acceptable". Withdrawn reports will not be returned to the industry organization.

#### 12.0 Revisions to Topical Reports

After a topical report has been found to be acceptable for referencing, the industry organization might need to revise portions of the report or add supplementary information occasionally to keep it up to date. This is different from the situation discussed in paragraph 11.0 above where the report has become obsolete and must be withdrawn.

A proposed revision to an approved report is submitted and reviewed by the staff in accordance with the same requirements and procedures as apply to a new topical report. The revision will have the same identification as the base report with the suffix "Revision 1 or 2", etc.

When the revised or supplementary material is determined by the staff to be acceptable for referencing the industry organization will submit the required number of complete new reports incorporating the revised or supplementary information. The revised report must contain a note on the cover page stating that it supersedes and replaces all earlier versions of the same numbered report. The superseded reports will not be returned to the industry organization.

#### 13.0 Fees For Topical Report Reviews

In accordance with the revised fee schedule on 10 CFR Part 170, any topical report which was accepted for review by the staff on and after March 23, 1978 will be assessed a review fee. Topical reports fall under the designation of Special Projects and Reviews in the schedule of fees. The fee will be based on actual expenditures for professional manpower and appropriate support services. However, the maximum fee for review of a topical report shall not exceed \$20,000. The topical report applicant will be billed at the completion of the staff review, regardless of whether or not the report is found to be acceptable for referencing.

If the topical report is withdrawn before the staff review is completed, a fee will be assessed for actual expenditures to the time of withdrawal. Proposed revisions to approved topical reports which were submitted and accepted for review by the staff on and after March 23, 1978 will be assessed review fees as for a new topical report. The revision will be subject to a fee even though the original report might have been exempt. The maximum fee of \$20,000 applies both to withdrawn reports and revisions to approved reports.

GENERAL GUIDANCE FOR SCHEDULING TOPICAL REPORT  
REVIEWS AND USE OF THE TRR BOOK

This book is used for recording topical report review schedules and for identifying those reports for which the staff review has been completed. The following guidance should be used in order to achieve consistency within this book. The meanings of the various data entries in the computer data bank and in the TRR Book are given in the Definitions.

1. Upon receipt of a topical report and its distribution in accordance with the Nuclear Regulatory Commission Topical Report Program, the NRC Program Manager prepares a Technical Assignment Control Form for its review. The NRR Planning and Program Analysis organization then assigns a TACS number. A copy of the completed form is provided to the Office of Resource Management. The following information is then entered into the computer data bank:

- Industry Organization
- Report identification symbol
- Title of the report
- Requesting organization
- Requester
- Reviewer(s)
- TACS number
- Report submittal date
- Requesting target date\*
- Estimated completion date\*

The remainder of the entries are left blank with the possible exception of REMARKS which can be entered at the discretion of the requester.

\*Note: Because the results of the review may be a request for additional information or an evaluation report and because the staff may not be able to determine which one until the review is well along, these dates should be for the

initial milestone and not for the final completion of the NRC review unless sufficient information exists for the staff to make a determination that the review can be completed without formally requesting additional information. The estimated completion date, if different from the requested target date, is provided by the review branch(es).

2. Upon completion of a review milestone either:

- a) a request for additional information is made, or
- b) the staff completes its review and prepares an evaluation report.

If a request for additional information is made, then this information is provided by the NRC Program Manager to the Office of Resource Management. The date of this request is entered under Add Info Req Date and the dates under Reg Targ Date and Est Comp Date deleted. If the industry organization provides an estimated response date, this information should be entered under Remarks.

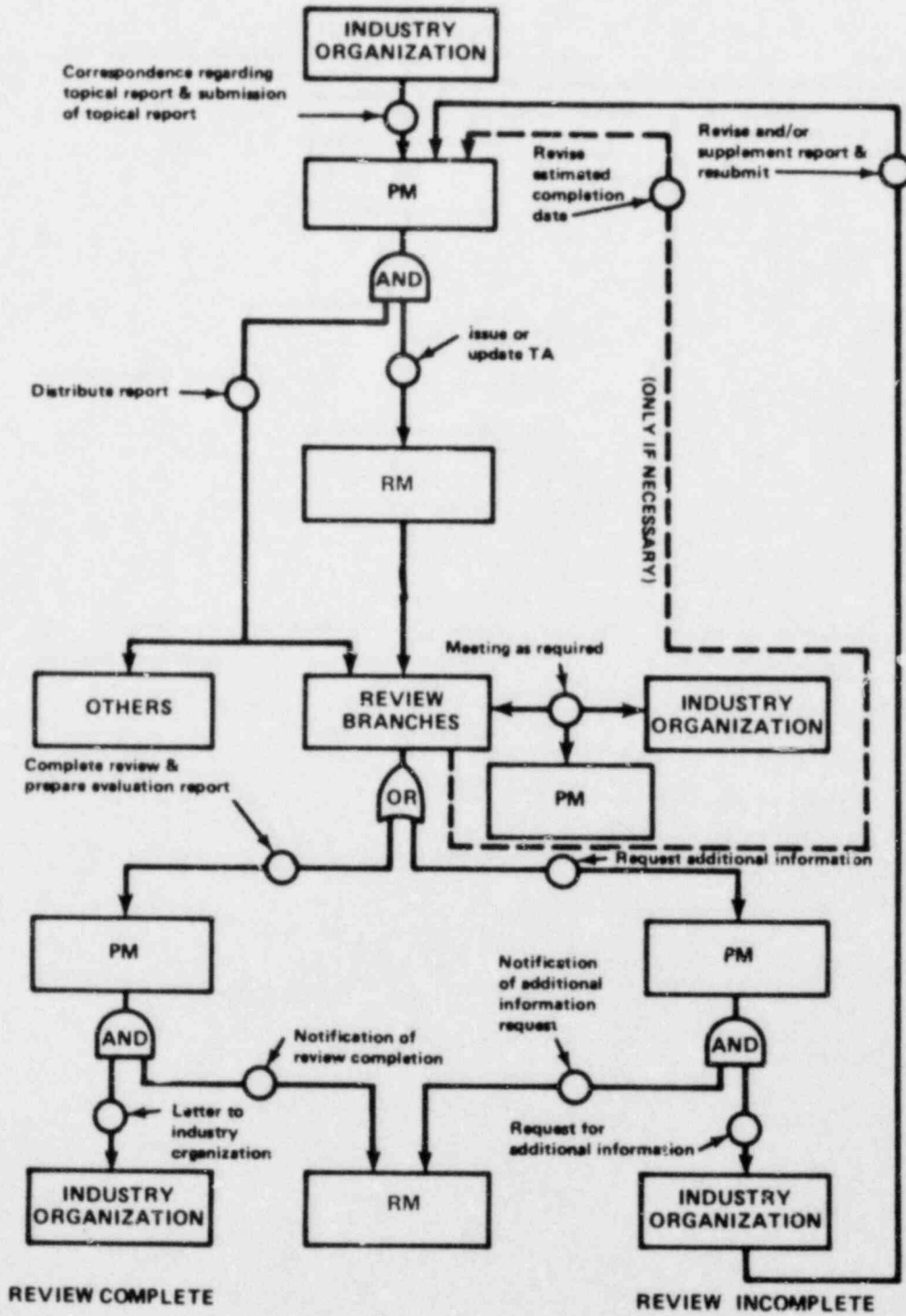
If the staff completes its review and prepares an evaluation report, then the Office of Resource Management is notified. The appropriate dates are entered under TR Comp Date and Let to Ind. Org. and the acceptability or non-acceptability of the report is recorded.

3. When an industry organization responds to a request for additional information, appropriate supplemental information such as Amend 1 should be entered after the title, the date of the supplemental information is entered in remarks and the schedule information is updated if necessary. These dates are then entered into the data bank.
4. The above procedures are repeated until the NRC concludes its review and advises the industry organization of its conclusions. Note that the TACS number remains active until this is done. A graphical illustration of the Topical Report review procedure follows. (Note: the procedure for QA Topical Report Reviews differs somewhat from that in the illustration because these reviews are processed within DPM.)

5. When the Program Manager (PM) determines that the review is completed, the industry organization is advised of the conclusions and that a bill will be sent. The PM then will notify the Chief of the Management Analysis Branch, NRR Planning and Program Analysis staff. The NRR Planning and Program Analysis staff will obtain the total manpower charged to that topical report between the start date and completion date from the Office of Resource Management. That information, plus any program support funds that were expended in the review of the report, will be provided to the License Fee Management Branch.

The License Fee Management Branch will compute the total fee and will coordinate with the PM and the NRR Planning and Program Analysis Staff before sending the bill to the industry organization.

# TOPICAL REPORT REVIEW FLOW SHEET



## SYSTEM DEFINITIONS

### RI SYM

The alpha-numeric topical report identification symbol is abbreviated as RI SYM. Additional information such as Rev 1 or Amend 5 is not included with this symbol.

The sequence of topical reports for a particular ind. org. in any tabulation of reports is determined by the report identification symbol.

### Proprietary and Non-Proprietary Topical Reports

#### a. Proprietary Reports

All accepted proprietary topical reports must be accompanied by a non-proprietary version, (see section 4 of program description). The report identification symbol for the proprietary version is followed by (P) and that of the non-proprietary version by (NP). The proprietary and the non-proprietary versions are considered as a single topical report. All status entries are those of the proprietary version since the review schedule of this version is controlling. For those reports where the proprietary and the non-proprietary versions have different identification symbols, the sequence of the report in any tabulation of reports is determined by the proprietary version symbol.

#### b. Non-Proprietary Reports

Non-proprietary topical reports, by definition, do not have a proprietary version (as distinct from non-proprietary versions of proprietary reports). The notation (NP) therefore is redundant and may not print.

### TITLE

The title of a topical report preferably appears as it is designated by the industry organization. If abbreviations are used in order to fit the title and supplementary information within the allotted space (120 characters, including punctuation and spaces), these should be the minimum required to maintain understandability. No pertinent information should be deleted.

Supplementary Information (Revisions, Amendments, Etc.)

Supplementary information which is necessary to identify a particular document under review or for which the review has been completed is indicated immediately following the topical report title. This information should be abbreviated as Rev 1 (meaning Revision 1), Amend 5 (meaning Amendment 5), etc. For reporting and format consistency, this information is separated from the title of the report by a comma as follows:

-----TITLE-----, Amend 5

REQ ORG

The NRC organization which prepared the TAC for the review of a particular topical report is abbreviated as REQ ORG. It is normally the organization to which the responsible Program Manager is assigned (refer to table of NRC Program Managers).

REQUESTER

The requester is the Program Manager or his designee who is the Project Management cognizant individual for a particular topical report.

REVIEW BRANCH

The review branch or branches are indicated by the initials of the branch name. Up to fourteen review branches per topical report can be accommodated.

REVIEWER

A reviewer is the person responsible for performing the review of a topical report or of a portion thereof. Up to fourteen reviews can be accommodated.



TACS NUMBER

This is the assigned technical assignment control number for the topical report review.

SUBMIT DATE

The date of the industry organization's letter submitting the document for review as identified by the title and the supplementary information which follows it is abbreviated as SUBMIT DATE. It is not the date on which the letter was received.

REQ TARG DATE

The date originally agreed to by the requester and the reviewer(s) for completion of the review of the document identified by the title and supplementary information which follows is abbreviated as REQ TARG DATE. Completion of the review in this case means the attainment of a milestone in the on-going topical report review and may result in either a request for additional information or in final conclusions as to the acceptability of the report for reference.

EST COMP DATE

The reviewer's estimate as to when the review of a particular document will be completed (see definition for completion of the review under REQ TARG DATE) is abbreviated as EST COMP DATE. The estimated completion date is initially the same as the requested target date but may be changed for good and sufficient reasons after the review of a particular document is under way and the review branch finds that the requested target date cannot be met.

ADD INFO REQ DATE

The date on which additional information is requested of the industry organization is abbreviated as ADD INFO REQ DATE. This is either the date of an NRC letter requesting such additional information or the date of a meeting at which the request is made orally to the industry organization. In the latter case, the requests and/or understandings reached at the meeting are documented in the minutes of the meeting.

#### REV COMP DATE

The date on which the final technical review of a particular topical report is completed and an evaluation report forwarded to the appropriate NRC Program Manager is abbreviated as REV COMP DATE. The evaluation report must be acceptable for transmission as such to the industry organization and must include a conclusion of acceptability or non-acceptability of the report for reference and, when appropriate, the acceptability of a non-proprietary version of the report. A request for additional information is not a technical review completion date.

#### LET TO IND ORG

The date of the NRC letter to the industry organization advising him of the transmitting the staff's evaluation report (thus concluding the NRC review) is abbreviated as LET TO IND ORG. It is not the date of a request for additional information.

#### REMARKS

Pertinent remarks pertaining to the topical report or its review are entered at the discretion of the requester (space limit 120 characters).

#### TOPICAL REPORT CATEGORIES

In Section I of the TRR Book, topical reports for which the staff review has been completed are categorized as either NOT ACCEPTABLE, ACCEPTABLE, or WITHDRAWN. These correspond to the respective terms used in the column labeled STAFF CONCLUSIONS in Section II of the TRR Book.

NOT ACCEPTABLE (NOT ACCEPTED) means that the topical report has been reviewed by the staff and has been found not to be acceptable for reference.

ACCEPTABLE (ACCEPTED) means that the topical report has been reviewed by the staff and has been found to be acceptable for reference. The staff does not intend to repeat its review of the report when it appears as a reference in a particular license application.

WITHDRAWN means that the industry organization has requested that the topical report be withdrawn from further consideration by the staff. If the staff has not completed its review at the time of the request, the review will be terminated. If a topical report becomes obsolete after a period of time following staff acceptance of the report, it should also be withdrawn by the industry organization and recategorized from ACCEPTABLE (ACCEPTED) to WITHDRAWN. Withdrawn reports in the latter case may remain as acceptable references in previous license applications but are not acceptable for future applications.

SECTION I

SUMMARY STATUS OF TOPICAL REPORTS BY IND. ORG.

SUMMARY STATUS OF TOPICAL REPORTS BY VENDOR  
(TOTAL REVIEWS)

AS OF 08/06/82  
PAGE: I-1

VENDOR	TOTAL REPORTS SUBMITTED	UNDER REVIEW		NOT ACCEPTABLE	REVIEW COMPLETED		WITHDRAWN
		ACTIVE	AWAIT.INFO.		ACCEPTABLE		
ACS INDUSTRIES INC.	1	0	0	0	1	0	
AEROJET	3	1	1	0	1	0	
AIR PRODUCTS & CHEMICALS	1	0	0	1	0	0	
ALLIS-CHALMERS POWER SYSTEMS	2	2	0	0	0	0	
AMERICAN AIR FILTER	2	0	0	0	2	0	
AMERICAN INSTITUTE FOR STEEL CONSTR	1	0	0	0	1	0	
AMERICAN SOCIETY OF MECHANICAL ENGI	1	0	1	0	0	0	
ANACONDA COMPANY	1	0	0	0	1	0	
ARKANSAS POWER	1	0	0	0	1	0	
ATCOR ENGINEERED SYSTEMS INC.	2	1	0	0	1	0	
ATOMICS INTERNATIONAL	4	2	0	0	2	0	
BABCOCK & WILCOX	116	19	19	2	67	9	
BECHTEL	14	0	1	0	12	1	
BLACK AND VEATCH	1	0	0	0	1	0	
BROWN & ROOT	2	0	0	0	1	1	
BURNS AND ROE, INC.	1	0	0	0	1	0	
BYRON JACKSON & BORG WARNER CORP.	1	1	0	0	0	0	
C. F. BRAUN	1	0	0	0	1	0	
CHEM-NUCLEAR SYSTEMS, INC.	3	1	1	0	0	1	
COMBUSTION ENGINEERING	65	9	6	5	42	3	
COMMONWEALTH EDISON CO.	1	0	0	0	1	0	
CONSUMERS POWER COMPANY	2	0	0	0	2	0	
COORDINATING AGENCY FOR SUPPLIER EV	1	0	0	0	1	0	
CVI	2	1	0	0	1	0	

SUMMARY STATUS OF TOPICAL REPORTS BY VENDOR  
(TOTAL REVIEWS)

AS OF 08/06/82  
PAGE: 1-2

VENDOR	TOTAL REPORTS SUBMITTED	UNDER REVIEW		REVIEW COMPLETED		WITHDRAWN
		ACTIVE	AWAIT.INFO.	NOT ACCEPTABLE	ACCEPTABLE	
DOW CHEMICAL	1	0	0	0	1	0
DUKE POWER	1	0	0	0	1	0
EBASCO SERVICES	3	0	2	0	1	0
ECOLAIRE CONDENSER INC.	1	1	0	0	0	0
EDERER INCORPORATED	1	0	0	0	1	0
EXXON	63	12	11	0	31	9
FARR CO.	1	0	0	0	0	1
FLORIDA POWER & LIGHT	1	1	0	0	0	0
FLUOR POWER SYSTEMS	1	0	0	0	1	0
FOX INDUSTRIES	1	1	0	0	0	0
GENERAL ATOMIC	16	5	0	0	5	6
GENERAL ELECTRIC	112	16	8	17	64	7
GIBBS & HILL, INC	1	0	0	0	1	0
GILBERT ASSOCIATES	6	0	1	1	4	0
GULF & WESTERN	1	1	0	0	0	0
H. H. ROBERTSON CO.	2	0	2	0	0	0
HITTMAN NUCLEAR & DEVELOPMENT CORP.	1	0	0	0	1	0
J. A. JONES CONST. CO.	1	0	0	0	1	0
JGC CORPORATION	1	1	0	0	0	0
JOHN BLUME & ASSOCIATES	1	0	0	0	0	1
MISSISSIPPI POWER & LIGHT	1	0	0	0	1	0
NEWPORT NEWS INDUSTRIAL	2	1	1	0	0	0
NORTHEAST UTILITIES	1	0	0	0	1	0
OTTO H. YORK	1	0	1	0	0	0

SUMMARY STATUS OF TOPICAL REPORTS BY VENDOR  
(TOTAL REVIEWS)

AS OF 08/06/82  
PAGE: I-3

VENDOR	TOTAL REPORTS SUBMITTED	UNDER REVIEW		REVIEW COMPLETED		WITHDRAWN
		ACTIVE	AWAIT. INFO.	NOT ACCEPTABLE	ACCEPTABLE	
OWENS CORNING FIBERGLASS	1	0	0	0	1	0
PACIFIC NORTHWEST	1	0	0	0	1	0
PORTLAND GENERAL ELECTRIC	1	0	0	0	1	0
RALPH M. PARSONS QA PROGRAM	1	0	0	0	1	0
SAN DIEGO GAS & ELECTRIC	1	0	0	0	1	0
SARGENT & LUNDY	1	0	0	0	1	0
SCANDPOWER INC	1	1	0	0	0	0
SEACS	1	0	0	0	1	0
SOUTHERN CALIFORNIA EDISON COMPANY	1	0	0	0	1	0
SPRAYING SYSTEMS CO	1	0	0	0	1	0
STOCK EQUIPMENT COMPANY	1	1	0	0	0	0
STONE & WEBSTER	12	2	1	3	6	0
TELEDYNE ENERGY	1	0	1	0	0	0
TENNESSEE VALLEY AUTHORITY	5	3	0	0	2	0
TRANSNUCLEAR INC.	1	1	0	0	0	0
UNITED ENG. AND CONSTRUCTORS	4	1	1	1	1	0
US TOOL & DIE INC.	1	0	1	0	0	0
VIR. ELECTRIC & POWER CO	10	4	2	0	4	0
WASHINGTON PUBLIC POWER SUPPLY	1	0	0	0	1	0
WERNER & PFLEIDERER CORP	1	0	0	0	1	0
WESTINGHOUSE	239	76	15	2	117	29
WESTINGHOUSE STEAM TURBINE-GENERATO	2	2	0	0	0	0
YANKEE ATOMIC ELEC. CO.	1	0	0	0	1	0
TOTALS:	739	167	76	32	396	68

SECTION II  
TOPICAL REPORT STATUS

T O P I C A L R E P O R T S T A T U S

AS OF 08/09/82  
PAGE: II-1

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INDUSTRY ORGANIZATION: ACS INDUSTRIES INC.

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RI SYM: ACS-1 (NP)                                  SUBMIT DATE: 03-03-76                  CONCLUSION: ACCEPTED                  LETTER TO IND ORG: 07-30-76  
TAC #: 03706  
TITLE: ACS ENTRAINMENT SEPARATION PERFORMANCE FOR SMALL DROPLET-AIR-STEAM SERVICE

REMARKS: AWAITING REISSUE WITH NRC APPROVED LTR.

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TOPICAL REPORT STATUS

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PAGE: II-2

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INDUSTRY ORGANIZATION: AEROJET

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RI SYM: AECC-1 (P), AECC-1 (NP)                      SUBMIT DATE: 02-27-75                      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 12-10-75  
TAC #: 01457  
TITLE: FLUID BED DRYER, AMEND. 3

REMARKS: PROPRIETARY AND NON-PROPRIETARY VERSION IS COMPLETE

RI SYM: AECC-2 (P), AECC-2 (NP)  
TITLE: AEROJECT TOPICAL REPORT: RADIOACTIVE WASTE - VOLUME REDUCTION SYSTEM

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	ETSB SSPB ETSB	BANGART BERGGREN HAYES	RQB JXB JGH	05368	10-24-79			04-28-82	

REMARKS: REQUEST #2 FOR ADD INFO

RI SYM: AECC-3 (P), AECC-3 (NP)  
TITLE: TR "RADIOACTIVE WASTE VOLUME REDUCTION SYSTEM"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	47499	12-21-81				

REMARKS: REVIEW, COMMENT, ANALYZE FOR PROP WITHHOLDING PREPARE SER

T O P I C A L R E P O R T S T A T U S

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INDUSTRY ORGANIZATION: AIR PRODUCTS & CHEMICALS

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RI SYM: APCI-73-10 (P), APCI-74-4 (NP)      SUBMIT DATE: 04-30-75      CONCLUSION: NOT ACCEPTED      LETTER TO IND ORC 09-24-75  
TAC #: 00896  
TITLE: A GENERIC DESCRIPTION OF A CATALYTIC RECOMBINER SYSTEM FOR POST-LOCA COMBUSTIBLE GAS CONTROL, AMEND. 1, AMEND. 2

REMARKS:  
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T O P I C A L   R E P O R T   S T A T U S

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INDUSTRY ORGANIZATION: ALLIS-CHALMERS POWER SYSTEMS

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RI SYM: ER-503 (NP)

TITLE: TURBINE MISSILE ANALYSIS, AMEND 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	R. BAER	SSPB	BERGGREN	JXB	03220	12-16-75				

REMARKS: REVIEW IS INACTIVE.

RI SYM: ER-504 (NP)

TITLE: PROBABILITY OF TURBINE MISSILES

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	R. BAER	SSPB	BERGGREN	JXB	03219	12-16-75				

REMARKS: REVIEW IS INACTIVE.

T O P I C A L R E P O R T S T A T U S

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INDUSTRY ORGANIZATION: AMERICAN AIR FILTER

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RI SYM: AAF-TR-7101 (NP)                      SUBMIT DATE: 03-23-72      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 11-10-72  
TAC #: 03806  
TITLE: DESIGN AND TESTING OF FAN COOLER-FILTER SYSTEMS FOR NUCLEAR APPLICATIONS

REMARKS:

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RI SYM: AAF-TR-7102 (NP)                      SUBMIT DATE: 07-16-74      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 09-26-74  
TAC #: 01034  
TITLE: IMPREGNATED ACTIVATED CARBON FOR REMOVAL OF RADIOIODINE COMPOUNDS FROM REACTOR CONTAINMENT ATMOSPHERES, ADDENDUM A

REMARKS:

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T O P I C A L R E P O R T S T A T U S

AS OF 08/09/82  
PAGE: II-6

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INDUSTRY ORGANIZATION: AMERICAN INSTITUTE FOR STEEL CONSTR

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RI SYM: FCTPN-78 (NP)

SUBMIT DATE: 05-00-79

CONCLUSION: ACCEPTED

LETTER TO IND ORG: 08-12-80

TAC #: 09177

TITLE: QUALITY ASSURANCE FOR AISC NUCLEAR QUALITY CERTIFICATION PROGRAM

REMARKS:  
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TOPICAL REPORT STATUS

AS OF 05/09/82  
PAGE: II-7

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INDUSTRY ORGANIZATION: AMERICAN SOCIETY OF MECHANICAL ENGI

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RI SYM: TBD-1 (NP)

TITLE: MANAGEMENT PLAN FOR ASME NUCLEAR CERTIFICATE OF AUTHORIZATION PROGRAM

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
QAB	HAASS	QAB	SPRAUL	JGS	09174	04-00-79			06-26-79	

REMARKS:  
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T O P I C A L R E P O R T S T A T U S

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INDUSTRY ORGANIZATION: ANACONDA COMPANY

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RI SYM: AWC-75-A (NP)

SUBMIT DATE: 12-19-80

CONCLUSION: ACCEPTED

LETTER TO IND ORG: 03-20-81

TAC #: 09074

TITLE: ANACONDA CO--WIRE & CABLE DIV, QA MANUAL FOR GENERATING STATION CABLE - REV 3

REMARKS:  
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T O P I C A L R E P O R T S T A T U S

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PAGE: II-9

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INDUSTRY ORGANIZATION: ARKANSAS POWER

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RI SYM: APL-TOP-1A (NP)                      SUBMIT DATE: 06-11-79      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 05-05-80  
TAC #: 09004  
TITLE: QUALITY ASSURANCE MANUAL--OPERATIONS--REV 5

REMARKS:  
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TOPICAL REPORT STATUS

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INDUSTRY ORGANIZATION: ATCOR ENGINEERED SYSTEMS INC.

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RI SYM: ATC-132A (P), ATC-132A (NP)      SUBMIT DATE: 04-24-79      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 09-03-81

TAC #: 05003

TITLE: ATCOR, RADIOACTIVE WASTE SOLIDIFICATION SYSTEM

REMARKS: ACCEPTED "A" VERSION DTD JANUARY 1982

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RI SYM: ATC-80191N(P) (P), ATC-80191N (NP)

TITLE: TR "ATCOR LIQUID VOLUME REDUCTION PROCESS PREPARE SER

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB ETSB	BERGGREN STODDART	JXB PGS	48562	06-11-82				

REMARKS: REVIEW COMMENT ANALYZE FOR PROPRIETARY WITHHOLDING PREPARE SER



TOPICAL REPORT STATUS

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INDUSTRY ORGANIZATION: BABCOCK & WILCOX

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RI SYM: BAW-10000A (NP)                                 SUBMIT DATE: 03-00-70     CONCLUSION: ACCEPTED                 LETTER TO IND ORG: 04-15-76  
TAC #: 04030  
TITLE: CORRELATION OF CRITICAL HEAT FLUX IN A BUNDLE COOLED BY PRESSURIZED WATER  
  
REMARKS: ACCEPTED VERSION DATED 5/76

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RI SYM: BAW-10001A (NP)                                 SUBMIT DATE: 08-00-70     CONCLUSION: ACCEPTED                 LETTER TO IND ORG: 02-12-73  
TAC #: 03804  
TITLE: INCORE INSTRUMENTATION TEST PROGRAM  
  
REMARKS: ACCEPTED VERSION DATED 2/73

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RI SYM: BAW-10003A (NP)                                 SUBMIT DATE: 04-14-75     CONCLUSION: ACCEPTED                 LETTER TO IND ORG: 10-10-75  
TAC #: 01044  
TITLE: QUALIFICATION TESTING OF PROTECTION SYSTEM INSTRUMENTATION, REV. 4  
  
REMARKS: ACCEPTED W/RESTRICTIONS RELATED TO AS-INSTALLED EQUIPMENT CONDITIONS; ACCEPTED VERSION DATED 1/76

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RI SYM: BAW-10006 (NP)                                 SUBMIT DATE: 10-03-73     CONCLUSION: ACCEPTED                 LETTER TO IND ORG: 01-15-75  
TAC #: 00102  
TITLE: REACTOR VESSEL MATERIAL SURVEILLANCE, REV. 3  
  
REMARKS:

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RI SYM: BAW-10008 (NP)                                 SUBMIT DATE: 06-00-70     CONCLUSION: ACCEPTED                 LETTER TO IND ORG: 09-28-72  
TAC #: 03803  
TITLE: REACTOR INTERNALS STRESS AND DEFLECTION DUE TO LOCA AND MAXIMUM HYPOTHETICAL EARTHQUAKE, PART 1, REV. 1  
  
REMARKS:

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RI SYM: BAW-10010 (NP)                                 SUBMIT DATE: 02-00-70     CONCLUSION: ACCEPTED                 LETTER TO IND ORG: 12-29-70  
TAC #: 03802  
TITLE: STABILITY MARGIN FOR XENON OSCILLATIONS, PARTS 1 AND 2  
  
REMARKS:

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RI SYM: BAW-10013A (NP)                                 SUBMIT DATE: 12-00-71     CONCLUSION: ACCEPTED                 LETTER TO IND ORG: 10-11-72  
TAC #: 03801  
TITLE: STUDY OF INTERGRANULAR SEPARATIONS IN LOW-ALLOY HEAT AFFECTED ZONES UNDER AUSTENITIC STAINLESS STEEL WELD CLADDING, REV1  
  
REMARKS: ACCEPTED VERSION DATED 10/72

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TOPICAL REPORT STATUS

AS OF 08/09/82  
PAGE: II-13

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INDUSTRY ORGANIZATION: BABCOCK & WILCOX

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RI SYM: BAW-10016 (NP)

TITLE: ANALYSIS OF ANTICIPATED TRANSIENTS WITHOUT TRIP

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	J. WILSON	SSPB	BERGGREN	JXB	00160	09-01-72				

REMARKS: TO BE REVIEWED CONCURRENTLY WITH BAW-10099. SEE TAR NO. LW23-1338.

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RI SYM: BAW-10017 (P), BAW-10017 (NP)      SUBMIT DATE: 05-00-70      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 09-08-72  
TAC #: 03800  
TITLE: STABILITY AND COMPATIBILITY OF SODIUM THIOSULPHATE SPRAY SOLUTION, REV. 1

REMARKS:

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RI SYM: BAW-10019 (NP)      SUBMIT DATE: 09-04-70      CONCLUSION: NOT ACCEPTED      LETTER TO IND ORG: 06-16-75  
TAC #: 01411  
TITLE: SYSTEMATIC FAILURE STUDY OF REACTOR PROTECTION SYSTEMS

REMARKS: B&W REQUESTED RECONSIDERATION 7/29/75

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RI SYM: BAW-10021 (NP)      SUBMIT DATE: 04-00-70      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 12-29-70  
TAC #: 03799  
TITLE: TEMP - THERMAL ENTHALPY MIXING PROGRAM

REMARKS:

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RI SYM: BAW-10024 (NP)      SUBMIT DATE: 01-00-71      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 09-08-72  
TAC #: 03798  
TITLE: EFFECTIVENESS OF SODIUM THIOSULFATE SPRAYS FOR IODINE REMOVAL

REMARKS:

RI SYM: BAW-10025 (P), BAW-10025 (NP)

TITLE: REACTOR VESSEL MODEL FLOW TESTS FOR 205-FA CORE, REV. 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	J. WILSON	CPB	PHILLIPS	LEP	04284	06-30-78				
		CPB	HOLONICH	JBH						
		SSPB	BERGGREN	JXB						

REMARKS: REVISION 1 OF BAW-10025P SUBMITTED 6/30/78; WITHHOLDING APPROVED 9/15/77



TOPICAL REPORT STATUS

AS OF 08/09/82  
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| INDUSTRY ORGANIZATION: BADCOCK & WILCOX |

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RI SYM: BAW-10036 (NP)                                  SUBMIT DATE: 01-00-72      CONCLUSION: ACCEPTED                  LETTER TO IND ORG: 02-21-73  
TAC #: 03796  
TITLE: CORRELATION OF CRITICAL HEAT FLUX IN A BUNDLE COOLED BY PRESSURIZED WATER

REMARKS:

RI SYM: BAW-10037 (NP)                                  SUBMIT DATE: 11-00-72      CONCLUSION: ACCEPTED                  LETTER TO IND ORG: 12-19-72  
TAC #: 03795  
TITLE: REACTOR VESSEL MODEL FLOW TEST, REV. 2

REMARKS:

RI SYM: BAW-10038A (NP)                                 SUBMIT DATE: 11-00-72      CONCLUSION: ACCEPTED                  LETTER TO IND ORG: 04-04-79  
TAC #: 03794  
TITLE: PROTOTYPE VIBRATION MEASUREMENT PROGRAM FOR REACTOR INTERNALS, SUPPL 1

REMARKS: ACCEPTANCE LETTER FOR SUPPLEMENT 1 ISSUED 04/04/79 ACCEPTED VERSION SUPPL 1 DATED 6/79

RI SYM: BAW-10039 (NP)                                 SUBMIT DATE: 08-23-79      CONCLUSION: ACCEPTED                  LETTER TO IND ORG: 04-04-79  
TAC #: 00447  
TITLE: PROTOTYPE VIBRATION MEASUREMENT RESULTS FOR B&W'S 177 FUEL ASSEMBLY 2 LOOP PLANT SUPPL 1

REMARKS: REVISED PAGES CORRECTING ERROR RECD 9/13/79 ON PRIOR ACCEPTED. WITHHOLDING APPROVED 9/16/77

RI SYM: BAW-10040 (NP)

TITLE: REACTOR COOLANT PUMP ASSEMBLY OVERSPEED ANALYSIS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	J. WILSON	SSPB	BERGGREN	JXB	01045	12-07-73				

REMARKS: AWAITING EPRI-CE TEST RESULTS DUE 1/77.

RI SYM: BAW-10041 (NP)                                 SUBMIT DATE: 12-00-72      CONCLUSION: WITHDRAWN                 LETTER TO IND ORG: 06-03-75  
TAC #: 00304  
TITLE: FUEL ASSEMBLY STRESS ANALYSIS FOR SEISMIC AND LOCA

REMARKS:



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RI SYM: BAW-10056-A (P), BAW-10056 (NP)      SUBMIT DATE: 03-00-73      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 08-28-73  
TAC #: 03789  
TITLE: RADIATION EMBRITTLEMENT SENSITIVITY OF REACTOR PRESSURE VESSEL STEELS  
REMARKS: ACCEPTED VERSION DATED 8/73

RI SYM: BAW-10060 (NP)  
TITLE: REACTOR INTERNALS DESIGN/ANALYSIS FOR NORMAL, UPSET & FAULTED CONDITIONS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	J WILSON	SSPB	BERGGREN	JXB	04645	06-30-77				

REMARKS:

RI SYM: BAW-10061 (P), BAW-10061 (NP)      SUBMIT DATE: 06-01-73      CONCLUSION: NOT ACCEPTED      LETTER TO IND ORG: 01-23-75  
TAC #: 01048  
TITLE: THREE-DIMENSIONAL POWER DISTRIBUTION ANALYSIS

REMARKS:

RI SYM: BAW-10062A (NP)      SUBMIT DATE: 10-19-73      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 01-08-76  
TAC #: 01657  
TITLE: MULTINODE ANALYSIS OF SMALL BREAKS FOR B&W'S 145 - FUEL ASSEMBLY NUCLEAR PLANTS WITH INTERNALS VENT VALVES, REV1

REMARKS: B&W DOCUMENTATION OF INFORMAL RESPONSES TO RAI'S. PROVIDED IN BAW-10104, REV. 1

RI SYM: BAW-10064 (NP)      SUBMIT DATE: 04-00-73      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 05-17-73  
TAC #: 00453  
TITLE: MULTINODE ANALYSIS OF CORE FLOODING LINE BREAK FOR B&W 2568MW'S INTERNAL VENT VALVE PLANTS

REMARKS: EVALUATION IN THE OCONEE 2/3 SER

RI SYM: BAW-10065 (NP)  
TITLE: TR "MULTINODE ANALYSIS OF B&W 205 FUEL ASSEMBLY (MARK DESIGN) NUCLEAR PLANTS DURING LOCA"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	43399	06-20-73				

REMARKS: SUPPLEMENT 1 SUBMITTED 8/31/73





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RI SYM: BAW-10074A (NP)                      SUBMIT DATE: 11-19-73      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 01-08-76  
TAC #: 01658  
TITLE: MULTINODE ANALYSIS OF SMALL BREAKS FOR B&W'S 205 - FUEL ASSEMBLY NUCLEAR PLANTS WITH INTERNALS VENT VALVES, REV 1  
REMARKS: B&W DOCUMENTATION OF INFORMAL RESPONSES TO RAI'S. PROVIDED IN BAW-10104, REV. 1 ACCEPTED VERSION DATED 3/76

RI SYM: BAW-10075A (NP)                      SUBMIT DATE: 10-00-75      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 01-08-76  
TAC #: 03787  
TITLE: MULTINODE ANALYSIS OF SMALL BREAKS FOR B&W'S 177-FUEL ASSEMBLY NUCLEAR PLANTS, ETC.--REV. 1  
REMARKS: ACCEPTED VERSION DATED 3/76

RI SYM: BAW-10076A (P), BAW-10080A (NP)      SUBMIT DATE: 09-17-74      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 12-10-74  
TAC #: 00909  
TITLE: CADD - COMPUTER APPLICATION TO DIRECT DIGITAL SIMULATION OF TRANSIENTS IN WATER REACTORS, REV. 2  
REMARKS: REC BAW-10076-A (P) REV 2 & BAW-10080(NP) REV 1 LTR DATED 30 MAY 75; ACCEPTED VERSION DATED 12/74

RI SYM: BAW-10078 (P), BAW-10079 (NP)      SUBMIT DATE: 09-28-73      CONCLUSION: WITHDRAWN                      LETTER TO IND ORG: 08-26-74  
TAC #: 00605  
TITLE: BAW-10078 "OPERATIONAL PARAMETERS FOR B&W RODDED PLANTS"  
REMARKS:

RI SYM: BAW-10081 (NP)                      SUBMIT DATE: 02-27-74      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 08-29-74  
TAC #: 00935  
TITLE: CALCULATION OF MAXIMUM FUEL ENTHALPY DURING ROD EJECTION ACCIDENT  
REMARKS: ACCEPTED VERSION DATED 8/74

RI SYM: BAW-10082-REV2 (P), (NP)  
TITLE: TR "ENVIRONMENTAL QUALIFICATION OF CLASS IE CONTROL AND INSTRUMENTATION EQUIPMENT", REV 2

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB EQB	BERGGREN KENNEDY	JXB JGK	43237	11-20-80				

REMARKS: REV, COMMENT & PREP SER - REV 2 SUPERCEDES BAW-10082-1, -2, & -3 THIS TAC SUPERCEDES 01420, 01768, 03348

RI SYM: BAW-10082-1 (NP)                      SUBMIT DATE: 07-05-77      CONCLUSION: WITHDRAWN                      LETTER TO IND ORG: 11-20-80  
TAC #: 01420  
TITLE: SEISMIC QUALIFICATION METHODS  
REMARKS: SUPERCEDED BY BAW 10082 TAC 43237

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RI SYM: BAW-10082-2 (NP)                      SUBMIT DATE: 07-05-77      CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 11-20-80  
TAC #: 01768  
TITLE: ENVIRONMENTAL QUALIFICATION

REMARKS: SUPERCEDED BY BAW-10082 TAC 43237

RI SYM: BAW-10082-3 (NP)                      SUBMIT DATE: 07-05-77      CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 11-20-80  
TAC #: 03348  
TITLE: COMPOSITE TEST METHODS FOR CLASS IE INSTRUMENTATION AND CONTROL EQUIPMENT (DRAFT)

REMARKS: SUPERCEDED BY BAW-10082 TAC 43237

RI SYM: BAW-10083A (P), BAW-10083A-REV1 (NP)      SUBMIT DATE: 04-28-75      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 05-16-77  
TAC #: 01620  
TITLE: BABCOCK & WILCOX MODEL FOR PREDICTING IN-REACTOR DENSIFICATION, REV 1

REMARKS: ACCEPTED VERSION DATED 7/77 WITHHOLDING APPROVED 5/16/77

RI SYM: BAW-10084 (P), BAW-10084 (NP)

TITLE: TR "PROGRAM TO DETERMINE IN REACTOR PERFORMANCE OF B&W FUELS - CLADDING CREEP COLLAPSE" REV 3

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	CPB SSPB	POWERS BERGGREN	DAP JXB	46774	01-13-81		01-29-84		

REMARKS: REVIEW, COMMENT AND PREPARE SER

RI SYM: BAW-10084A (P), BAW-10084A (NP)      SUBMIT DATE: 01-13-81      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 05-19-78  
TAC #: 04312  
TITLE: PROGRAM TO DETERMINING IN-REACTOR PERFMNCE OF B&W FUELS, REV1 AND REV2

REMARKS: WITHHOLDING APPROVED 9/15/77

RI SYM: BAW-10085 (P), (NP)

TITLE: TR "REACTOR PROTECTION SYSTEM", REV 6

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	43400	04-12-79				

REMARKS: REVISION 6 OF VOL 1&2 & NON PROPRIETARY; WITHHOLDING APPROVED 8/12/77

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RI SYM: BAW-10087-A-REV2 (P), BAW-10087-A-REV1 SUBMIT DATE: 09-15-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 05-16-77  
TAC #: 01825  
TITLE: TACO-FUEL PIN PERFORMANCE ANALYSIS REV 2

REMARKS: ACCEPTED VERSIONS (NP) REV1 & (P)REV2 DATED AUG '77 WITHHOLDING APPROVED 7/22/77

RI SYM: BAW-10091 (P), BAW-10091 (NP) SUBMIT DATE: 08-05-74 CONCLUSION: ACCEPTED LETTER TO IND ORG: 06-18-75  
TAC #: 01062  
TITLE: B&W'S ECCS EVALUATION MODEL REPORT WITH SPECIFIC APPLICATION TO 177 FA CLASS PLANT WITH LOWERED LOOP ARRANGEMENT & APP B

REMARKS: APPB IS PROPRIETARY; PROPRIETARY RECOGNIZED 6/18/77

RI SYM: BAW-10091S (NP) SUBMIT DATE: 01-15-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 06-18-75  
TAC #: 03788  
TITLE: SUPPORT DOC FOR B&W ECCS EVAL MODEL REPORT W/SPECIFIC APPL TO 177 FA CLASS PLANTS W/LOWERED LOOP ARRANG, SUPP. 1

REMARKS:

RI SYM: BAW-10092(P) (P), BAW-10092-REV2 (NP) SUBMIT DATE: 04-15-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 06-18-75  
TAC #: 01042  
TITLE: CRAFT 2-FORTRAN PROGRAM FOR DIGITAL SIMULATION OF A MULTINODE REACTOR PLANT DURING A LOSS OF COOLANT ACCIDENT, REV.1

REMARKS:

RI SYM: BAW-10093 (NP) SUBMIT DATE: 07-23-74 CONCLUSION: ACCEPTED LETTER TO IND ORG: 06-18-75  
TAC #: 01041  
TITLE: REFLOOD - DESCRIPTION OF MODEL FOR MULTINODE CORE REFLOODING ANALYSES

REMARKS:

RI SYM: BAW-10094 (NP) SUBMIT DATE: 04-15-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 06-18-75  
TAC #: 01040  
TITLE: BABCOCK & WILCOX REVISIONS TO THETA 1-B, A COMPUTER CODE FOR NUCLEAR REACTOR CORE THERMAL ANALYSIS-IN-1445

REMARKS: BAW 10094 REV 2 REC'D 8/16/77. REFERENCED IN ACCEPTED BAW-10104

RI SYM: BAW-10094 (NP)

TITLE: TR "B&W REVISIONS TO THETA - B, A COMPUTER CODE FOR NUCLEAR REACTOR CORE THERMAL ANALYSIS - REV 3"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SPB	BEPGGREN	CPB SSPB	VOGLEWEDE BERGGREN	JCV JXB	43841	04-23-81				

REMARKS: REVIEW COMMENT & PREPARE SER

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RI SYM: BAW-10095-REV1A (P), BAW-10095 (NP)    SUBMIT DATE: 08-05-74    CONCLUSION: ACCEPTED    LETTER TO IND ORG: 02-13-78  
TAC #: 01066  
TITLE: CONTEMPT-COMPUTER PROGRAM PREDICTING CONTAINMENT PRESSURE: TEMPERATURE RESPONSE TO ALOSS OF COOLANT ACCIDENT, REV. 1  
REMARKS: REV 1 ACCEPTED 2/13/78; ACCEPTED VERSION DATED 4/78

RI SYM: BAW-10097A (P), BAW-10097A (NP)    SUBMIT DATE: 08-06-75    CONCLUSION: ACCEPTED    LETTER TO IND ORG: 11-26-75  
TAC #: 01092  
TITLE: MARK C (17X17) FUEL ASSEMBLY - RESEARCH AND DEVELOPMENT, REV. 2  
REMARKS: B&W IS REQUIRED TO PROVIDE SEMIANNUAL R&D STATUS REPORTS

RI SYM: BAW-10098 (P), BAW-10098 (NP)  
TITLE: CADD5-COMPUTER APPLICATION TO DIRECT DIGITAL SIMULATION OF TRANSIENTS IN PWRs WITH OR WITHOUT SCRAM, REV. 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	J. WILSON	SSPB	BERGGREN	JXB	01348	05-23-75			04-21-76	

REMARKS: REVIEW TIED TO B&W ATWS REVIEW. REV 1 SUBMITTED 12/20/77 WITHHOLDING APPROVED 9/16/77

RI SYM: BAW-10099 (NP)  
TITLE: BABCOCK & WILCOX ANTICIPATED TRANSIENTS WITHOUT SCRAM ANALYSIS, REV 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	J. WILSON	SSPB	BERGGREN	JXB	01338	05-02-75				

REMARKS: REC'D REV 1 MAY 15, 1977

RI SYM: BAW-10100A (P), BAW-10100 (NP)    SUBMIT DATE: 11-01-74    CONCLUSION: ACCEPTED    LETTER TO IND ORG: 02-19-75  
TAC #: 01231  
TITLE: REACTOR VESSEL MATERIAL SURVEILLANCE PROGRAM-COMPLIANCE WITH 10 CFR 50, APPENDIX H, FOR OCONEE CLASS REACTORS

REMARKS:

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RI SYM: BAW-10101 (P), BAW-10101 (NP)

TITLE: ANTICIPATED TRANSIENTS WITHOUT SCRAM PROGRAM-COMMON MODE FAILURE ANALYSIS OF CONTROL ROD DRIVE MECHANISMS, REV. 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	J. WILSON	MEB SSPB	CHERNY BERGGREN	FCC JXB	01758	10-15-75				

REMARKS:

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RI SYM: BAW-10102 (NP) SUBMIT DATE: 06-13-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 09-05-78  
TAC #: 01677  
TITLE: ECCS EVALUATION OF B&W'S 205 - FA NSS, REV. 1 & REV 2

REMARKS: ACCEPTANCE SUBJECT TO STIPULATIONS NOTED IN EVALUATION.

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RI SYM: BAW-10103A (NP) SUBMIT DATE: 09-11-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 02-18-77  
TAC #: 01706  
TITLE: ECCS ANALYSIS OF B&W'S 177-FA LOWERED LOOP NSSS, REV. 3

REMARKS: REVISIONS DATED 7/18/78 AND 8/11/78 UNDER REVIEW. ACCEPTED VERSION DTD JULY 77

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RI SYM: BAW-10104A (NP) SUBMIT DATE: 05-29-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 09-05-78  
TAC #: 01653  
TITLE: B&W'S ECCS EVALUATION MODEL, REV. 4

REMARKS: REV 2 NOT YET ACCEPTED

RI SYM: BAW-10105 (P), BAW-10105 (NP)

TITLE: "ECCS EVALUATION OF B&W 177 FA RAISED LOOP NSS", REV 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
DPM		SSPB	BERGGREN	JXB	03810	06-12-75			01-28-76	

REMARKS: REV 1 PAGES SUBMITTED 6/25/75

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RI SYM: BAW-10106A (NP) SUBMIT DATE: 05-08-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 12-24-75  
TAC #: 01621  
TITLE: QUENCH-DIGITAL PROGRAM FOR ANALYSIS OF CORE THERMAL TRANSIENTS DURING A LOSS-OF-COOLANT ACCIDENT

REMARKS: ACCEPTED VERSION DATED 3/76

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RI SYM: BAW-10108A (P), BAW-10108A (NP)      SUBMIT DATE: 08-08-75      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 11-07-75  
TAC #: 01846  
TITLE: QUALIFICATION OF SUBMERGED-ARC NARROW STRIP CLADDING PROCESS  
REMARKS: BAW-10108 NP REC'D 8/26/75. APPROVED VERSIONS DATED MARCH 1976

RI SYM: BAW-10109 (NP)

TITLE: HYTRAN- HYDRAULIC TRANSIENT CODE FOR INVESTIGATION OF CHANNEL FLOW STABILITY

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	J. WILSON	RSB SSPB	HODGES BERGGREN	MWH JXB	03621	02-05-76			06-03-76	

REMARKS:

RI SYM: BAW-10110 (NP)

TITLE: CHATA-CORE HYDRAULICS AND THERMAL ANALYSIS REV 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	WIKEN	SSPB	BERGGREN	JXB	03367	02-05-76		09-30-81	04-03-81	

REMARKS: REC'D RESPONSE DATED 7/21/81 TO REQUEST NO 2 FOR ADDL INFO

RI SYM: BAW-10111 (NP)      SUBMIT DATE: 04-29-76      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 12-13-76  
TAC #: 03747  
TITLE: SUMMARY DESCRIPTION OF B&W INTEGRATED NUCLEAR DESIGN SYSTEM

REMARKS:

RI SYM: BAW-10112A (NP)      SUBMIT DATE: 12-11-75      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 10-21-76  
TAC #: 03202  
TITLE: ETOGM-EPITHERMAL CROSS SECTION GENERATION CODE USING END F/B DATA.

REMARKS: ACCEPTED VERSION DATED 1/77

RI SYM: BAW-10113A (NP)      SUBMIT DATE: 12-03-75      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 10-21-76  
TAC #: 04140  
TITLE: THOR--THERMAL CROSS SECTION GENERATION CODE USING END F/B DATA.

REMARKS: ACCEPTED VERSION BAW-10113-A SUBMITTED 2/11/77 & DATED 2/77

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RI SYM: BAW-10114A (NP)          SUBMIT DATE: 01-26-76   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 11-18-76
TAC #: 03328
TITLE: PROLIB-CODE TO CREATE PRODUCTION LIBRARY OF NUCLEAR DATA FOR DESIGN CALCULATIONS
REMARKS: ACCEPTED VERSION BAW-10114A SUBMITTED 2/11/77 & DATED 2/77
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RI SYM: BAW-10115A (NP)          SUBMIT DATE: 07-13-76   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 12-08-76
TAC #: 04177
TITLE: NULIF-NEUTRON SPECTRUM GENERATOR, FEW GROUP CONSTANT CALCULATION AND FUEL DEPLETION CODE
REMARKS: ACCEPTED VERSION BAW-10115-A SUBMITTED 2/11/77 & DATED 2/77
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RI SYM: BAW-10116A (NP)          SUBMIT DATE: 12-21-76   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 05-03-77
TAC #: 04388
TITLE: ASSEMBLY CALCULATIONS AND FITTED NUCLEAR DATA
REMARKS: ACCEPTED VERSION BAW 10116 A SUBMITTED 5/24/77 & DATED 5/77
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RI SYM: BAW-10117A (P), BAW-10117A (NP)  SUBMIT DATE: 12-22-75   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 10-21-76
TAC #: 03209
TITLE: BABCOCK & WILCOX VERSION OF PDQ07 USER'S MANUAL
REMARKS: ACCEPTED VERSION BAW 10117 A (P) & (NP) SUBMITTED 01/27/77 & DATED 01/77
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RI SYM: BAW-10118A (NP)          SUBMIT DATE: 10-13-77   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 09-25-79
TAC #: 04762
TITLE: CORE CALCULATIONAL TECHNIQUES & PROCEDURES
REMARKS: ACCEPTED VERSION BAW-10118-A-A NP SUBMITTED 01/24/80 & DATED 12/79
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RI SYM: BAW-10119A (P), BAW-10119A (NP)  SUBMIT DATE: 07-05-77   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 11-29-78
TAC #: 04629
TITLE: POWER PEAKING NUCLEAR RELIABILITY FACTORS
REMARKS: ACCEPTED VERSION BAW-10119-A (P) & BAW-10119-A(NP) SUBMITTED 2/79 & DATED 2/79 WITHHOLDING APPR 12/20/77
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RI SYM: BAW-10120A (P), BAW-10120A (NP)  SUBMIT DATE: 03-14-78   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 06-14-79
TAC #: 04901
TITLE: COMPARISON OF CORE PHYSICS CODES WITH MEASUREMENTS
REMARKS: ACCEPTED VERSIONS BAW 10120 A (P) & BAW 10120 A(NP) SUBMITTED 08/07/79 & DATED 7/79 WITHHOLDING APPR 6/14/79
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RI SYM: BAW-10121 (P), BAW-10121 (NP)

TITLE: RPS LIMITS AND SETPOINTS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	J. WILSON	SSPB CPB	BERGGREN BROOKS	JXB WXB	04845	02-27-78				

REMARKS:

RI SYM: BAW-10122 (NP)

TITLE: TR "NORMAL OPERATING CONTROLS, REV1"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	48394	04-30-82				

REMARKS: REVIEW COMMENT & PREPARE SER

RI SYM: BAW-10122A (P), (NP)      SUBMIT DATE: 08-04-78      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 09-14-79  
TAC #: 05032  
TITLE: NORMAL OPERATING CONTROLS

REMARKS: ACCEPTED VERSION 10122A(NP) SUBMITTED 11/30/79

RI SYM: BAW-10123 (NP)      SUBMIT DATE: 02-20-78      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 06-19-80  
TAC #: 04844  
TITLE: NUCLEAR APPLICATION SOFTWARE PACKAGE

REMARKS:

RI SYM: BAW-10124A (NP)      SUBMIT DATE: 12-10-75      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 05-28-76  
TAC #: 04138  
TITLE: FLAME 3-THREE DIMENSIONAL NODAL CODE FOR CALCULATING CORE REACTIVITY AND POWER DISTRIBUTION

REMARKS: ACCEPTED VERSION BAW-10124-A(NP) SUBMITTED 8/76 & DATED 8/76

RI SYM: BAW-10125A (P), BAW-10125A (NP)      SUBMIT DATE: 02-10-76      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 05-28-76  
TAC #: 03337  
TITLE: VERIFICATION OF THE THREE DIMENSIONAL FLAME CODE

REMARKS: ACCEPTED VERSION BAW-10125-A (P) & BAW-10125-A(NP) DATED AUG 76

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RI SYM: BAW-10126 (NP)

TITLE: PERFORMANCE EVAL OF CONTROL ROD DRIVE LINE TRIP TEST FOR MARK C FUEL ASSEMBLY

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	J WILSON	SSPB	BERGGREN	JXB	04823	12-19-77				

REMARKS:

RI SYM: BAW-10127 (NP)

TITLE: LOCA PIPE BREAK CRITERIA FOR DESIGN OF B&W NSSS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	J. WILSON	SSPB ASB MEB	BERGGREN WAGNER LI	JXB NHW YCL	04389	12-16-76				06-12-81

REMARKS:

RI SYM: BAW-10128 (NP)

TITLE: TRAP2-FORTRAN CODE TO SIMULATE ONCE THROUGH STEAM GENERATOR

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	J. WILSON	SSPB	BERGGREN	JXB	04244	10-21-81			01-26-79	

REMARKS: RESPONSE TO REQUEST FOR ADDL INFO SUBMITTED 9/18/81 & 10/21/81

RI SYM: BAW-10129 (NP)

TITLE: LYNX 1 CODE

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	J. WILSON	RSB SSPB	HODGES BERGGREN	MWH JXB	04339	03-05-81		09-30-81	11-16-81	

REMARKS: RESPONSE TO REQUEST NO. 1 FOR ADDITIONAL INFORMATION 03/05/81. ISS REQ NO. 2 FOR ADDL INFO DTD 7/8/82 TO RFAI2

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INDUSTRY ORGANIZATION: BABCOCK & WILCOX

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RI SYM: BAW-10130 (NP)

TITLE: LYNX 2 CODE

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	J. WILSON	SSPB	BERGGREN	JXB	04338	03-05-81			11-16-81	

REMARKS: RESP TO REQ NO . 1 FOR ADDL INFO 03/05/81. ISS REQ #2 FOR ADDL INFO RECD RESP DTD 7/8/82 TO RFAI 2

RI SYM: BAW-10131 (NP)

TITLE: REACTOR COOLANT SYSTEM STRUCTURAL LOADING ANALYSIS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	THOMAS	MEB SSPB	HARTZMAN BERGGREN	MYH JXB	04387	12-06-76			11-22-77	

REMARKS: RESP TO QUESTIONS SUBMITTED 4/18/78

RI SYM: BAW-10132A (P), BAW-10132A (NP)      SUBMIT DATE: 03-04-77      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 10-31-78  
TAC #: 04509  
TITLE: HYDRODYNAMIC LOADING DURING LOCA

REMARKS: ACCEPTED VERSION BAW-10132-P-A SUPPL. 1 SUBMITTED 7/20/79 & DATED 5/79 WITHHOLDING APPROVED 9/16/77

RI SYM: BAW-10133 (P), BAW-10133 (NP)

TITLE: MARK C FUEL ASSEMBLY - LOCA - SEISMIC ANALYSES, REV. 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	J WILSON	SSPB CPB	BERGGREN GUPTA	JXB RCG	04734	05-31-79		09-30-81	01-07-82	

REMARKS: RESPONSE TO REQ #2 FOR ADD INFO RECD DATED 2/15/82

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INDUSTRY ORGANIZATION: BAWCOCK & WILCOX

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RI SYM: BAW-10135 (NP)

TITLE: LOCA MASS & ENERGY RELEASE FOR CONTAINMENT DESIGN, REV 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	J WILSON	CSB SSPB	TINKLER BERGGREN	CGT JXB	04826	02-03-78				

REMARKS: REV 1 CHANGE PAGES SUBMITTED 4/23/79

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RI SYM: BAW-10139 (P), BAW-10139 (NP)      SUBMIT DATE: 01-30-78      CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 12-10-80  
TAC #: 04811  
TITLE: STATISTICAL CORE DESIGN

REMARKS: SUPERCEDED BY BAW-10145(P)

RI SYM: BAW-10140 (P), BAW-10140 (NP)

TITLE: VIBRATION ANAL. MEASUREMENT & INSPECTION PROGRAMS FOR PRGOTYPE REACTOR INTERNALS FOR B&W 205 FUEL

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	WILSON	MEB SSPB	HOU BERGGREN	SXH JXB	05157	02-01-79			07-06-81	

REMARKS:

RI SYM: BAW-10141 (P), BAW-10141 (NP)

TITLE: TACO 2 - FUEL PIN PERFORMANCE ANALYSIS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	WILSON	CPB SSPB	VOGLEWEDE BERGGREN	JCV JXB	05156	01-31-79		09-30-81	03-11-81	

REMARKS: RECD RESPONSE DTD 4/8/82 TO RFAI 1 3/11/81

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RI SYM: BAW-10143 (P), BAW-10143 (NP)

TITLE: TR "BWC CORRELATION OF CRITICAL HEAT FLUX GEOMETRY ROD BUNDLES"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
JSPB	BERGGREN	SSPB	BERGGREN	JXB	43441	09-22-81		09-30-81	01-04-80	

REMARKS: TR NOW COMPOSED OF PART 1 & PART 2 REC'D 10/02/81; REC'D RESPONSE DATED 11/18/81 TO NRC INQUIRY

RI SYM: BAW-10144A (NP)                                      SUBMIT DATE: 03-04-80      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 12-17-79  
TAC #: 43440  
TITLE: EVALUATION OF THE ATYPICAL WELDMENT

REMARKS: REVIEWED AS BAW 1566 ACCEPTED VERSION DATED 2/80

RI SYM: BAW-10145 (P), BAW-10145 (NP)

TITLE: TR "STATISTICAL CORE DESIGN APPLIED TO BABCOCK-205 CORE"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERRGREN	SSPB	BERGGREN	JXB	43323	12-10-80		09-30-81	09-24-81	

REMARKS: REQUEST NO 1 FOR ADDITIONAL INFO 9/24/81

RI SYM: BAW-10146 (NP)

TITLE: DETERMINATION OF MINIMUM REQUIRED TUBE WALL THICKNESS FOR 177-FA ONCE-THROUGH STEAM GENERATORS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	43211	11-11-80				

REMARKS: REVIEW PREPARE QUESTIONS/COMMENTS AND PREPARE SER

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RI SYM: BAW-10147 (P), BAW-10147 (NP)

TITLE: TR "FUEL ROD BOWING IN BABCOCK & WILCOX FUEL DESIGNS"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	CPB SSPB	POWERS BERGGREN	DAP JXB	43753	08-03-81		10-01-82 09-30-81	11-16-81	

REMARKS: RESPONSE DATED 8/3/81 TO REQUEST #1 RECEIVED 8/18/81. ISSUED REQ #2 FOR ADDL INFO RECD RESP TO RFA1 1 & 2

RI SYM: BAW-10148 (NP)

TITLE: TR 'REFLOD - 3 - MODEL FOR MULTINOPE CORE REFLOODING ANALYSIS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB RSB	BERGGREN LAUBEN	JXB NGL	46576	06-19-81				

REMARKS: REVIEW, COMMENT & PREPARE SER; WILL UPON ACCEPTANCE REPLACE BAW 10093

RI SYM: BAW-10149 (NP)

TITLE: TR "POWER TRAIN - HYBRID COMPUTER SIMULATION OF A BABCOCK & WILCOX NUCLEAR POWER PLANT", REV 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	46937	08-17-81				

REMARKS: REVIEW COMMENT & PREPARE SER IN SUPPORT OF MIDLAND LICENSE SCHEDULE REQUIREMENT. REV 1 SUBMITTED 11/10/81

RI SYM: BAW-10151A (P), BAW (NP)                      SUBMIT DATE: 12-02-81      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 11-10-81  
TAC #: 42967  
TITLE: TR "CONTROL ROD GUIDE TUBE WEAR MEASUREMENT PROGRAM"

REMARKS: SUPERSEDES BAW-01623 WITHOUT CHANGE; ACCEPTED VERSION DATED 12/81

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INDUSTRY ORGANIZATION: BABCOCK & WILCOX

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RI SYM: BAW10150 (NP)

TITLE: TR "CONTROL ROD ASSEMBLY EJECTION - ANALYSIS OF CRA EJECTION ACCIDENT IN B&W PRESSURIZED WATER REACTORS"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB CPB	BERGGREN KOPP	JXB LIK	48069	03-01-82			05-24-82	

REMARKS: RFAI #1

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INDUSTRY ORGANIZATION: BLACK AND VEATCH

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RI SYM: BVTR-1-0A (NP)                      SUBMIT DATE: 02-20-79      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 01-31-80  
TAC #: 09192  
TITLE: BLACK & VEATCH QUALITY ASSURANCE PROGRAM DESCRIPTION

REMARKS:  
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INDUSTRY ORGANIZATION: BROWN & ROOT

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RI SYM: B-8-R-002A (NP)                      SUBMIT DATE: 09-00-77      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 01-11-78  
TAC #: 09095  
TITLE: QA PROGRAM FOR NUCLEAR POWER PLANTS - REV. 3

REMARKS:

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RI SYM: BR&ROOT-001 (NP)                      SUBMIT DATE: 06-18-75      CONCLUSION: WITHDRAWN                      LETTER TO IND ORG: 09-21-76  
TAC #: 01671  
TITLE: ANALYSIS OF TORNADO GENERATED MISSILES

REMARKS: REQUESTED ADDITIONAL INFO. 11-6-75; WITHDRAWN PER 9/21/76 TELEPHONE CALL  
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INDUSTRY ORGANIZATION: BURNS AND ROE, INC.

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RI SYM: B&ROE-COM4-1-NP (NP)                      SUBMIT DATE: 08-29-80      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 10-02-80  
TAC #: 09156  
TITLE: NUCLEAR QUALITY ASSURANCE MANUAL - REV. 2

REMARKS:  
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INDUSTRY ORGANIZATION: BYRON JACKSON & BORG WARNER CORP.

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RI SYM: BJNPQ-101 (NP)

TITLE: PERFORMANCE & SAFETY FEATURES OF THE BYRON JACKSON PRIMARY REACTOR COOLANT PUMP FOR LWRS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	BURWELL	MTEB	SELLERS	CDS	04902	04-07-78				
		ASB	PARR	ODP						
		MEB	BRAMMER	HLB						
		SSPB	BERGGREN	JXB						

REMARKS: APPENDIX BJNPQ-201, 202, & 203.

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INDUSTRY ORGANIZATION: C. F. BRAUN

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RI SYM: BR-TR-21A (NP)  
TAC #: 09022  
TITLE: QA PROGRAM - AMENDMENT 5A

SUBMIT DATE: 07-07-80

CONCLUSION: ACCEPTED

LETTER TO IND ORG: 07-16-80

REMARKS:  
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INDUSTRY ORGANIZATION: CHEM-NUCLEAR SYSTEMS, INC.

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RI SYM: CNSI-1 (P), (NP)                      SUBMIT DATE: 07-20-79      CONCLUSION: WITHDRAWN                      LETTER TO IND ORG: 12-08-81  
TAC #: 05281  
TITLE: CHEM-NUCLEAR SYSTEMS SOLIFICATION SYSTEM TOPICAL REPORT

REMARKS: WITHHOLDING APPROVED 12/5/79; PREVIOUSLY IDENTIFIED AS SD-AD-001

RI SYM: CNSI-2 (P), CNSI-2 (NP)  
TITLE: TR "CSNI CEMENT SOLIDIFICATION SYSTEMS, REV1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	47362	11-09-81			05-10-82	

REMARKS: RFAI #1; REV 1 DATED 3/82; REC'D RESPONSE DATED 6/29/82 TO RFAI 1

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RI SYM: CEN-50 (P), CEN-50 (NP)                      SUBMIT DATE: 08-25-77      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 11-10-77  
TAC #: 04514  
TITLE: CE BURNABLE POISON IRRADIATION TEST PROGRAM, REV 1

REMARKS: TEST PROGRAM IS FOR BURNABLE POISON RODS FOR 16 X 16 FUEL

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RI SYM: CEN-8(A) (P), CEN-8-(A) (NP)                      SUBMIT DATE: 05-16-75      CONCLUSION: NOT ACCEPTED                      LETTER TO IND ORG: 07-15-75  
TAC #: 01215  
TITLE: COMPARISON OF ANO-2, M.Y. & FT. CALHOUN RCTR. INTERNALS DSGN. PARAMETERS & FLOW INDUCED STRUC. RESP.

REMARKS: ON ANO-2 DOCKET

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RI SYM: CENPD-008 (NP)                                      SUBMIT DATE: 01-27-71      CONCLUSION: NOT ACCEPTED                      LETTER TO IND ORG: 11-07-73  
TAC #: 03808  
TITLE: INTHERMIC, A COMPUTER CODE FOR ANALYSIS OF THERMAL MIXING

REMARKS: CODE IS ALSO DESCRIBED IN CENPD-161

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RI SYM: CENPD-009 (NP)                                      SUBMIT DATE: 01-27-71      CONCLUSION: NOT ACCEPTED                      LETTER TO IND ORG: 11-07-73  
TAC #: 03812  
TITLE: COSMO IV, A THERMAL AND HYDRAULIC STEADY STATE DESIGN CODE FOR WATER COOLED REACTORS

REMARKS: CODE IS ALSO DESCRIBED IN CENPD-161

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RI SYM: CENPD-026 (P), CENPD-026 (NP)                      SUBMIT DATE: 11-05-71      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 12-18-71  
TAC #: 03811  
TITLE: DESCRIPTION OF COMBUSTION ENGINEERING LOSS OF COOLANT CALCULATIONAL PROCEDURES, SUPPL. #1, SUPPL. #2

REMARKS: APPROVED AS PART OF INTERIM ACCEPTANCE CRITERIA

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RI SYM: CENPD-042 (P), CENPD-042 (NP)                      SUBMIT DATE: 08-31-72      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 12-05-73  
TAC #: 03809  
TITLE: DYNAMIC ANALYSIS OF REACTOR VESSEL INTERNALS UNDER LOSS-OF-COOLANT ACCIDENT CONDITIONS

REMARKS: MAY BE REFERENCED WITH RESERVATIONS

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RI SYM: CENPD-055 (P), CENPD-055 (NP)                      SUBMIT DATE: 06-05-72      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 06-29-73  
TAC #: 03807  
TITLE: ANALYSIS OF FLOW INDUCED VIBRATIONS: MAINE YANKEE PRECRITICAL VIBRATION MONITORING PROGRAM

REMARKS:

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RI SYM: CENPD-061 (NP)                                      SUBMIT DATE: 12-15-72      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 07-15-74  
TAC #: 00874  
TITLE: SEISMIC QUALIFICATION OF CATEGORY I ELECTRIC EQUIPMENT FOR NSSS

REMARKS:

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RI SYM: CENPD-067 (P), CENPD-067 (NP)      SUBMIT DATE: 08-26-75      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 05-07-76  
TAC #: 00657  
TITLE: IODINE DECONTAMINATION FACTORS DURING PWR STEAM GENERATION & STEAM VENTING, SUPPL. 2, REVISION 1, ADDENDUM 1  
REMARKS:

RI SYM: CENPD-085 (P), CENPD-085 (NP)      SUBMIT DATE: 03-15-73      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 03-27-75  
TAC #: 00400  
TITLE: ANALYSIS OF FLOW INDUCED VIBRATIONS: FORT CALHOUN PRECRITICAL VIBRATION MONITORING PROGRAM, SUPPLS. 1 & 2  
REMARKS:

RI SYM: CENPD-089 (NP)      SUBMIT DATE: 03-16-73      CONCLUSION: NOT ACCEPTED      LETTER TO IND ORG: 06-15-73  
TAC #: 00416  
TITLE: GROWTH CONSIDERATIONS FOR LARGE HYPOTHETICAL CRACKS IN NUCLEAR REACTOR COOLANT PIPING  
REMARKS:

RI SYM: CENPD-093 (P), CENPD-093 (NP)      SUBMIT DATE: 06-01-73      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 04-04-74  
TAC #: 00506  
TITLE: MAINE YANKEE PRECRITICAL VIBRATION MONITORING PROGRAM  
REMARKS:

RI SYM: CENPD-098 (NP)      SUBMIT DATE: 06-21-74      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 12-04-74  
TAC #: 00646  
TITLE: COAST CODE DESCRIPTION, AMEND. 1  
REMARKS:

RI SYM: CENPD-107 (P), CENPD-107 (NP)  
TITLE: CESEC-DIGITAL SIMULATION OF A C-E NSSS, SUPPLS. 1, 2, 3, 4, 5, 6

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR3	D. TIPPITTS	SSPB RSB	BERGGREN GUTTMANN	JXB JZG	01142	06-30-76			02-04-77	

REMARKS: CE TO SUBMIT COMPARISON OF CESEC & PLANT TRANSIENTS BY 3/79. NO RECEIVED AS OF 1/80.

RI SYM: CENPD-118 (P), CENPD-118 (NP)      SUBMIT DATE: 09-03-74      CONCLUSION: NOT ACCEPTED      LETTER TO IND ORG: 12-04-74  
TAC #: 01149  
TITLE: DENSIFICATION OF CE FUEL

REMARKS: SEP. REVIEW NOT REQUIRED AS SUMMARIES OF DATA RELEVANT TO FUEL EVALUATION MODEL REPROD. IN CENPD-139

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RI SYM: CENPD-132 (P), CENPD-132 (NP)      SUBMIT DATE: 08-26-75      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 12-09-75  
TAC #: 01148  
TITLE: CALCULATIONAL METHODS FOR THE CE LARGE BREAK LOCA EVALUATION MODEL, (VOLS. 1-2), SUPPL. 1, SUPPL. 2, FOR ECCS ONLY  
REMARKS: CENPD-132 THROUGH SUPPLEMENT NO 2 IS APPROVED FOR ECCS ANALYSIS

RI SYM: CENPD-133 (P), CENPD-133 (NP)      SUBMIT DATE: 02-18-77      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 09-27-77  
TAC #: 01147  
TITLE: CEFLASH A FORTRAN IV DIGITAL CMPTR. PROG. FOR RCTR. BLOWDOWN ANALY., REV. 1, SUPPL. 1, (MOD.), SUPPL. 3 FOR ECCS ONLY  
REMARKS: THIS ENTRY IS FOR REVIEW OF SUPPLEMENT 3 TO CENPD-133 FOR USE IN ECCS EVALUATION

RI SYM: CENPD-133-P (P), CENPD-133 (NP)  
TITLE: CEFLASH-4A FORTRAN-IV DIGITAL COMPUTER PROGRAM FOR REACTOR BLOWDOWN ANALYSIS--SUPPLEMENT 4

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	D L TIBBITTS	RSB SSPB	LAUBEN BERGGREN	NGL JXB	04653	07-20-77	01-01-78			

REMARKS: FOR USE IN ECCS EVAL; MODEL CHANGES DESCRIBED IN SUPPLS 1, 2 ACCEPTABLE 6/13/75, SUPPL 3 ACCEPTABLE 9/27/77.

RI SYM: CENPD-134 (P), CENPD-134 (NP)      SUBMIT DATE: 03-13-75      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 06-13-75  
TAC #: 01151  
TITLE: COMPERC-II: A PROGRAM FOR EMERGENCY REFILL - REFLOOD OF THE CORE (MODIFICATIONS), SUPPL. 1 FOR ECCS ONLY  
REMARKS: FOR USE IN ECCS EVALUATION

RI SYM: CENPD-135 (P), CENPD-135 (NP)      SUBMIT DATE: 05-17-77      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 09-06-78  
TAC #: 01153  
TITLE: STRIKIN-II, CYLINDRICAL GEOMETRY FUEL ROD HEAT TRANSFER PROGRAM, SUPPLS, 1,2,3,4,5  
REMARKS: CENPD-135 THRU SUPPL 5 ACCEPTED FOR USE IN ECCS MODEL

RI SYM: CENPD-136 (P), CENPD-136 (NP)      SUBMIT DATE: 08-19-74      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 06-13-75  
TAC #: 01150  
TITLE: HIGH TEMPERATURE PROPERTIES OF ZIRCALOY AND UO2 FOR USE IN THE CE LOCA EVALUATION MODULE FOR ECCS ONLY  
REMARKS: ACCEPTABLE ONLY FOR USE IN ECCS EVALUATION

RI SYM: CENPD-137 (P), CENPD-137 (NP)      SUBMIT DATE: 02-18-77      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 09-27-77  
TAC #: 01154  
TITLE: CALCULATIVE METHODS FOR THE C-E SMALL BREAK LOCA EVALUATION MODEL, SUPPLEMENT NO. 1  
REMARKS: ACCEPTABLE ONLY FOR USE IN ECCS EVALUATION

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RI SYM: CENPD-138 (P), CENPD-138 (NP)                   SUBMIT DATE: 03-13-75           CONCLUSION: ACCEPTED           LETTER TO IND ORG: 04-10-78  
TAC #: 01155  
TITLE: PARCH, A FORTRAN DIG. CMPTR. PROG. TO EVAL. POOL BOILING AXIAL ROD & COOLANT HEATUP (MOD.), SUPPL. 1 FOR ECCS ONLY  
REMARKS: VERSION OF PARCH WITH MODIFICATIONS DESCRIBED IN SUPPL. 2 IS ONLY VERSION ACCEPTABLE FOR ECCS CALCULATIONS

RI SYM: CENPD-139A (P), CENPD-139A (NP)               SUBMIT DATE: 09-25-74           CONCLUSION: ACCEPTED           LETTER TO IND ORG: 12-04-74  
TAC #: 01152  
TITLE: C-E FUEL EVALUATION MODEL  
REMARKS:

RI SYM: CENPD-140A (NP)                                SUBMIT DATE: 10-09-75           CONCLUSION: ACCEPTED           LETTER TO IND ORG: 04-14-76  
TAC #: 00988  
TITLE: DESCRIPTION OF THE CONTRANS CODE FOR CONTAINMENT PRESSURE AND TEMPERATURE ANALYSIS, AMEND. 1, AMEND. 2, AMEND. 3  
REMARKS: MEETING HELD 9/12/75 WITH C-E TO DISCUSS HEAT TRANSFER ANALYSIS USED IN CONTRANS

RI SYM: CENPD-141 (NP)                                SUBMIT DATE: 03-08-76           CONCLUSION: ACCEPTED           LETTER TO IND ORG: 01-05-77  
TAC #: 00986  
TITLE: DESCRIPTION OF THE DDIFF CODE FOR CONTAINMENT SUBCOMPARTMENT PRESSURE ANALYSIS, AMENDMENT 3, REV. 1  
REMARKS:

RI SYM: CENPD-145 (P), CENPD-145 (NP)               SUBMIT DATE: 07-08-77           CONCLUSION: WITHDRAWN           LETTER TO IND ORG: 05-16-80  
TAC #: 01618  
TITLE: INCA A METHOD OF ANALYZING IN-CORE DETECTOR DATA IN POWER REACTORS  
REMARKS: SUPERCEDED BY CENPD-153 LTR DATED MAY 16, 1980

RI SYM: CENPD-148 (NP)  
TITLE: REVIEW OF REACTOR SHUTDOWN SYSTEM (PPS DESIGN) FOR COMMON MODE FAILURE SUSCEPTIBILITY

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LNR3	D. TIBBITTS	SSPB	BERGGREN	JXB	01208	09-27-74				

REMARKS: PART OF C-E ATWS - NO FUTURE WORK SCHEDULED ON THIS TOPICAL.

RI SYM: CENPD-153A (P), CENPD-153A (NP)             SUBMIT DATE: 05-16-80           CONCLUSION: ACCEPTED           LETTER TO IND ORG: 07-02-80  
TAC #: 01350  
TITLE: INCA/CECOR POWER PEAKING UNCERTAINTY  
REMARKS: SUPERCEDES CENPD-145(P)

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RI SYM: CENPD-155A (P), CENPD-155A (NP)      SUBMIT DATE: 10-08-74      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 05-15-75  
TAC #: 01191  
TITLE: CE PROCEDURE F/D5GN., FAB., INSTAL., & INSPECT.-SURVEIL. SPEMN. BRACKETS ATTACHED TO RCTR. VES. BELTLINE REGN.  
REMARKS: ACCEPTABLE FOR REFERENCE IN SAR'S OF PLANTS CURRENTLY BEING CONSTRUCTED AND FUTURE PLANTS.

RI SYM: CENPD-158 (NP)

TITLE: ANTICIPATED TRANSIENTS WITHOUT REACTOR TRIP, SUPPLS. 1,2,3,4, REV. 1, REV. 1 SUPPL. 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR3	D. TIBBITTS	SSPB	BERGGREN	JXB	01207	06-30-76			03-04-75	

REMARKS: PART OF CE ATWS

RI SYM: CENPD-161 (P), CENPD-161 (NP)      SUBMIT DATE: 05-10-76      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 09-14-76  
TAC #: 01744  
TITLE: TORC - A COMPUTER CODE FOR DETERMINING THE THERMAL MARGIN OF A REACTOR CORE, AMENDMENT NO 1P  
REMARKS:

RI SYM: CENPD-162A (P), CENPD-162A (NP)      SUBMIT DATE: 01-28-76      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 05-05-76  
TAC #: 01619  
TITLE: CRITICAL HEAT FLUX CORRELATION FOR C-E FUEL ASSEMBLIES WITH STD. SPACER GRIDS, PT. 1 UNIFORM AXIAL PWR. DIST.  
REMARKS: SUPPLEMENT 1A SUBMITTED 4/12/77.

RI SYM: CENPD-168 (NP)      SUBMIT DATE: 08-25-75      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 05-05-77  
TAC #: 01855  
TITLE: DESIGN BASIS PIPE BREAKS FOR THE COMBUSTION ENGINEERING TWO LOOP REACTOR COOLANT SYSTEM, REV. 1  
REMARKS: REV. 1 DATED 9/76.

RI SYM: CENPD-169 (P), CENPD-169 (NP)      SUBMIT DATE: 08-29-75      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 04-05-79  
TAC #: 01856  
TITLE: ASSESSMENT OF THE ACCURACY OF PWR OPERATION LIMITS AS DETERMINED BY CORE OPERATING LIMIT SUPERVISORY SYSTEM  
REMARKS:

RI SYM: CENPD-170 (P), CENPD-170 (NP)      SUBMIT DATE: 08-01-75      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 01-25-78  
TAC #: 01796  
TITLE: ASSESSMENT OF ACCURACY OF PWR SAFETY SYSTEM ACTUATION AS PERFORMED BY THE CPC'S, SUPPLEMENT 1P  
REMARKS: REVIEW OF REPORT CARRIED OUT ON ANO-2 DOCKET, SER ON ANO-2 CONTAINS EVALUATION OF CENPD 170





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RI SYM: CENPD-198 (P), CENPD-198 (NP)      SUBMIT DATE: 11-09-79      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 08-21-79  
TAC #: 03338  
TITLE: IN-REACTOR DIMENSIONAL CHANGES IN ZIRCALOY-4 FUEL ASSEMBLIES, SUPPLEMENT 1 AND 2

REMARKS:  
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RI SYM: CENPD-199 (P), CENPD-199 (NP)

TITLE: SETPOINT METHODOLOGY - C-E LOCAL PWR DENSITY & LSSS & LCO SETPOINT METHODOLOGY FOR ANALOG PROTECTION SYSTEMS, REV 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR3	D. TIBBITTS	SSPB CPB ADPS CPB	BERGGREN KOPP KAPD BALUKJIAN	JXB LIK PSK HYB	03912	04-27-76				

REMARKS: REV 1 RECD 4/82  
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RI SYM: CENPD-201A (NP)      SUBMIT DATE: 01-22-81      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 02-04-76  
TAC #: 01817  
TITLE: PERFORMANCE OF C-E SYSTEM 80 REACTOR COOLANT PUMP WITH LOSS OF COMPONENT COOLING WATER

REMARKS: RC'D CENPD 201A SUPPL 1 DATED 1/22/81  
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RI SYM: CENPD-206A (P), CENPD-206A (NP)      SUBMIT DATE: 02-01-77      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 12-11-80  
TAC #: 04466  
TITLE: TORC CODE--VERIFICATION AND SIMPLIFIED MODELING METHODS, SUPPLEMENT 1

REMARKS: RECEIVED ACCEPTED VERSIONS A-P&A-NP. NO FEE PER/77 SUBMITTAL  
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RI SYM: CENPD-207 (P), CENPD-207 (NP)

TITLE: C-E CRITICAL HEAT FLUX-CRITICAL HEAT FLUX CORRELATION FOR C-E FUEL ASSEMBLIES WITH STD. SPACER GRIDS-PART 2-NONUNIFORM..

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	D. TIBBITTS	RSB SSPB CPB	HODGES BERGGREN HSII	MWH JXB YBH	04225	07-15-76		09-30-81		

REMARKS:  
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RI SYM: CENPD-228 (P), CENPD-228 (NP)

TITLE: THERM: A THERMAL-HYDRAULIC EMERGENCY REFLOOD MODEL

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	D. TIBBITTS	RSB SSPB CPB	LAUBEN BERGGREN SUN	NGL JXB SES	04502	02-15-77			07-27-81	

REMARKS: REVIEW SUSPENDED AT CE 3/17/82 REQUEST PENDING CODE UTILIZATION REVIEW

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RI SYM: CENPD-252A (P), CENPD-252A (NP)      SUBMIT DATE: 10-20-78      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 02-12-79  
TAC #: 04788  
TITLE: BLOWDOWN ANALYSIS METHODS - METHOD FOR ANALYSIS OF BLOWDOWN INDUCED FORCES IN A REACTOR VESSEL

REMARKS: NRC LETTER DATED 2-28-79 CORRECTS TWO ITEMS IN ORIGINAL (2-12-79) LETTER.

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RI SYM: CENPD-254A (P), CENPD-254A (NP)      SUBMIT DATE: 08-22-77      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 07-30-79  
TAC #: 04674  
TITLE: POST-LOCA LONG TERM COOLING EVALUATION MODEL

REMARKS: REC'D ACCEPTED CENPD254 P&NP VERSIONS

RI SYM: CENPD-255 (NP)

TITLE: IE--QUALIFICATION--QUALIFICATION OF CLASS IE INSTRUMENTATION REV. 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB EQB	BERGGREN KENNEDY	JXB JGK	04722	07-03-80		09-30-81		

REMARKS:

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RI SYM: CENPD-256A (P), CENPD-256A (NP)      SUBMIT DATE: 08-26-77      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 11-10-77  
TAC #: 04688  
TITLE: LICENSING SUBMITTAL TO NRC FOR THE IRRADIATION OF TEST RODS IN A 16 X 16 NUCLEAR REACTOR

REMARKS:

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RI SYM: CENPD-266-P (P), CENPD-266-NP (NP)

TITLE: TR"THE ROCS AND DIT COMPUTER CODES FOR NUCLEAR DESIGN

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB CPB	BERGGREN KOPP	JXB LIK	47469	12-11-81				

REMARKS: REVIEW, COMMENT AND PREPARE SER

RI SYM: CENPD-81-095(P) (P), CENPD-81-095(NP)

TITLE: TR"C.E. ECCS EVALUATION MODEL FLOW BLOCKAGE ANALYSIS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB CPB	BERGGREN POWERS	JXB DAP	47459	12-15-81		09-15-82		

REMARKS: REVIEW & PREPARE SER

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INDUSTRY ORGANIZATION: COMMONWEALTH EDISON CO.

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RI SYM: CE-1-A (NP)

SUBMIT DATE: 02-17-82

CONCLUSION: ACCEPTED

LETTER TO IND ORG: 07-15-82

TAC #: 09037

TITLE: CECO-QUALITY ASSURANCE PROGRAM FOR NUCLEAR GENERATING STATIONS - REV 21

REMARKS:  
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INDUSTRY ORGANIZATION: ECOLAIRE CONDENSER INC.

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RI SYM: IR-100 (P), IR-100 (NP)

TITLE: ORIENTED SPRAY COOLING SYSTEM FOR ULTIMATE HEAT SINK APPLICATION

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
DPM	R. BIRKEL	SSPB	BERGGREN	JXB	04473	02-08-77				

REMARKS: ECOLAIRE ASKED DETAILED QUESTIONS REGARDING STAFF RAI. WE RESPONDED ON 1-25-79.

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INDUSTRY ORGANIZATION: EDERER INCORPORATED

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RI SYM: EDR-1-A (P), EDR-1-A (NP)                      SUBMIT DATE: 01-23-79      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 01-02-80  
TAC #: 05135  
TITLE: EDERER'S NUCLEAR SAFETY RELATED (X-SAM) CRANES  
REMARKS: WITHHOLDING APPROVED 12/21/79  
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INDUSTRY ORGANIZATION: EXXON

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RI SYM: XN-NF-524 (P), XN-NF-524 (NP)

TITLE: TR-EXXON NUCLEAR CRITICAL POWER METHODOLOGY FOR BWR'S

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB CPB	BERGGREN HOLONICH	JXB JBH	42274	05-30-80		09-30-81		

REMARKS:

RI SYM: XN-NF-621(P) (P), (NP)

TITLE: TR EXXON NUCLEAR DNB CORRELATION PWR FUEL DESIGNS, REV1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB CPB	BERGGREN HOLONICH	JXB JBH	48027	02-22-82				

REMARKS: REV 1 SUBMITTED 05//05/82

RI SYM: XN-NF-75-27A (P), XN-NF-75-27A (NP) SUBMIT DATE: 04-07-81 CONCLUSION: ACCEPTED LETTER TO IND ORG: 08-17-81  
TAC #: 01722  
TITLE: TR "EXXON NUCLEAR NEUTRONICS DESIGN METHODS FOR PRESSURIZED WATER REACTORS

REMARKS: ACCEPTED BASIC & SUPPLEMENTS 1, 2, & 3; SUPPL 3 ACCEPTED 8/17/81

RI SYM: XN-NF-75-32 (P), XN-NF-75-32 (NP)

TITLE: COMPUTATIONAL PROCEDURES FOR EVALUATING FUEL ROD BOWING (AXIBOW)

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
ORB3	LEAR	SSPB	BERGGREN	JXB	01721	06-17-75		09-30-81	06-12-81	

REMARKS: RECEIVED RESPONSE TO RFAI #1 DTD 5/82 ON SUPPL 1, 2 & 3 ON SUPPL 1, 2 & 3

RI SYM: XN-NF-76-47(P)A (P), XN-NF-76-47(NP)A SUBMIT DATE: 05-10-77 CONCLUSION: ACCEPTED LETTER TO IND ORG: 11-05-81  
TAC #: 06840  
TITLE: TR "COMBINED SEISMIC-LOCA MECHANICAL EVAL FOR EXXON NUCLEAR 15X15 RELOAD FUEL FOR WESTINGHSE PWR'S

REMARKS: ACCEPTED VERSION DATED 1/82 TITLE & NO CHGD FROM XN-76-47



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INDUSTRY ORGANIZATION: EXXON

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RI SYM: XN-NF-79-06 (P), XN-NF-79-06 (NP)

TITLE: EXXON NUCLEAR ANALYSIS POWER DISTRIBUTION MEASUREMENT UNCERTAINTY FOR WESTINGHOUSE PWR'S JULY 1979, AMEND 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
ORB3	HANNON	CPB SSPB	KOPP BERGGREN	LJK JXB	12026	04-02-79			02-10-82	

REMARKS: REQUEST #3 FOR ADD INFO

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RI SYM: XN-NF-79-56(P)A (P), XN-NF-79-56(NP)A SUBMIT DATE: 06-09-80 CONCLUSION: ACCEPTED LETTER TO IND ORG: 10-26-81  
TAC #: 42276  
TITLE: TR-GADOLINIA FUEL PROPERTIES FOR LWR FUEL SAFETY EVAL, REV1, SUPPL 1

REMARKS: ACCEPTED "A" VERSION DATED NOV 1981

RI SYM: XN-NF-79-59(P) (P), XN-NF-79-59(NP)

TITLE: TR-METHODOLOGY FOR CALCULATION OF PRESSURE DROP IN BWR FUEL ASSEMBLIES

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB CPB	BERGGREN HOLONICH	JXB JBH	42275	05-30-80		09-30-81		

REMARKS: REC'D (NP) VERSION 9/19/80

RI SYM: XN-NF-79-71 (P), XN-NF-79-71 (NP)

TITLE: TR "EXXON NUCLEAR PLANT TRANSIENT METHODOLOGY FOR BOILING WATER REACTORS, REV 2"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB RSB CPB CPB RSB	BERGGREN AUDETTE HOLONICH WU DAVIDSON	JXB REA JBH SDW EBD	42273	05-04-81			10-05-81	03-03-82

REMARKS: REV2 COMBINES REV1, SUPPL 1&2 & RESP TO RFAI #1 INTO AN INTEGRATED DOE.

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RI SYM: XN-NF-80-19 (P), XN-NF-80-19 (NP)

TITLE: TR- "EXXON NUCLEAR METHODOLOGY FOR BWR'S - VOL 1, 2, 2A, 2B & 3"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	42277	07-06-81		09-30-81	07-17-81	
		RSB	HODGES	MWH						
		RSB	AUDETTE	REA						
		CPB	HOLONICH	JBH						
		CPB	WU	SDW						01-22-82
		CPB	SCHWENK	GES						

REMARKS: ACCEPTED FOR REFERENCING VOL 1 SUPP 1&2, VOLS 2, 2A, 2B & 2C REV1, VOL 3 NOT YET ACCEPTED

RI SYM: XN-NF-80-19-V2 (P), (NP) SUBMIT DATE: 07-31-81 CONCLUSION: ACCEPTED LETTER TO IND ORG: 01-27-82

TAC #: 46760

TITLE: EXXON NUCL METHODOLOGY FOR BOILING WATER REACTORS VOL 2C: VERIFICATION & QUALIFICATION OF EXEM

REMARKS: ACCEPTED IN CONJUNCTION WITH XN-NF-81-71 & XN-NF-80-19 V2, 2A, & 2B

RI SYM: XN-NF-80-56(P)A (P), XN-NF-80-56(NP)A SUBMIT DATE: 12-01-80 CONCLUSION: ACCEPTED LETTER TO IND ORG: 11-10-81

TAC #: 43236

TITLE: GENERIC MECHANICAL THERMAL HYDRAULIC & NEUTRONIA DESIGN FOR EXXON NUCLEAR TOPROD RELOAD FUEL ASSEMBLIES FOR PWRS

REMARKS: EXCLUDES SUPPLEM 1 ACCEPTANCE INCLUDES APP B & 10/1/81 LTR OUSLEY TO MILLER; ACCEPTED VERSION DATED 12/81

RI SYM: XN-NF-81-21(P) (P), (NP)

TITLE: TR "GENERIC MECHANICAL DESIGN FOR EXXON NUCLEAR JET PUMP BWR RELOAD FUEL; REV-1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	47866	02-01-82				
		CPB	WU	SDW						

REMARKS: RECD 3/30/82 LET ER RESPONSE TO VERBAL RFAI.



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RI SYM: XN-NF-81-22 (P), (NP)

TITLE: "GENERIC STATISTICAL UNCERTAINTY ANALYSIS METHODOLOGY"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	CPB SSPB	HOLONICH BERGGREN	JBH JXB	43857	05-04-81		09-30-81	11-17-81	

REMARKS: REVIEW, COMMENT & PREPARE SER; REQUEST NO 1 FOR ADDL INFO

RI SYM: XN-NF-81-58 (NP)

TITLE: XN-NF-87-58 TR "RODEX-2 FUEL ROD THERMAL-MECHANICAL RESPONSE EVAL MODEL"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	CPB SSPB CPB CPB	VOGLEWEDE BERGGREN WU GUPTA	JCV JXB SDW SBG	46955	09-02-81			07-16-82	

REMARKS: REVIEW, COMMENT & PREPARE SER; RFAI #1

RI SYM: XN-NF-81-71 (P), (NP)      SUBMIT DATE: 10-28-81      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 01-27-82  
TAC #: 47114  
TITLE: RECEIVED SUPPL DATED 11/81 IN RESPONSE TO REQ #1 FOR ADD INFO

REMARKS: ACCEPTED IN CONJUNCTION WITH XN-NF-80-19V2, 2-A, 2B& 2C

RI SYM: XN-NF-82-06(P) (P), XN-NF-82-06(NP)

TITLE: TR "QUALIFICATION OF EXXON NUCLEAR FUEL FOR EXTENDED BURNUP" REV 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	CPB SSPB	TOKAR BERGGREN	MXT JXB	48067	03-11-82				

REMARKS: REVIEW COMMENT & PREPARE SER REV 1 RECD 6/82

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RI SYM: XN-NF-82-07(P) (P), XN-NF-82-07(NP)

TITLE: TR "EXXON NUCLEAR COMPANY ECCS CLADDING SWELLING & RUPTURE MODEL"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB CPB	BERGGREN POWERS	JXB DAP	48080	03-12-82		08-31-82	07-16-82	

REMARKS: REVIEW COMMENT & PREPARE SER RFAI #1

RI SYM: XN-NF-82-20(P) (P), XN-NF-82-20(NP)

TITLE: EXXON NUCLEAR EVALUATION MODEL EXEM/PWR ECCS MODEL UPDATE

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB RSB	BERGGREN LAUBEN	JXB NGL	48010	02-22-82				

REMARKS: REVIEW COMMENT & PREPARE SER

RI SYM: XN-NF-82-21(P) (P), XN-NF-82-21(NP)

TITLE: TR "APPLICATION OF EXXON NUCLEAR CO PWR THERMAL MARGIN METHODOLOGY TO MIXED CORE CONFIGURATIONS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB CPB CPB	BERGGREN HOLONICH HSII	JXB JBH YBH	48068	03-12-82				

REMARKS: REVIEW COMMENT & PREPARE SER











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INDUSTRY ORGANIZATION: FARR CO.

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RI SYM: QA-100 (NP)

SUBMIT DATE: 11-00-74

CONCLUSION: WITHDRAWN

LETTER TO IND ORG: 03-21-77

TAC #: 09023

TITLE: QA PROGRAM - NUCLEAR POWER PLANT FILTRATION UNIT - FARR CO.

REMARKS:  
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INDUSTRY ORGANIZATION: FLORIDA POWER & LIGHT

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RI SYM: FPLTQAR-1-76 (NP)

TITLE: FLORIDA POWER & LIGHT CO--TOPICAL QUALITY ASSURANCE REPORT REV. 4

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
QAB	HAASS	QAB	CONWAY	JTC	09043	12-17-80				05-14-81

REMARKS:  
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INDUSTRY ORGANIZATION: FLUOR POWER SYSTEMS

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RI SYM: FPI-1 (NP)

SUBMIT DATE: 04-03-81

CONCLUSION: ACCEPTED

LETTER TO IND ORG: 05-14-81

TAC #: 09065

TITLE: QUALITY ASSURANCE PROGRAM--REV 4

REMARKS:  
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INDUSTRY ORGANIZATION: FOX INDUSTRIES

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RI SYM: FI-1 (NP)

TITLE: FOX-HOWLETT NO SLIP COUPLERS FOR REINFORCING STEEL BARS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	42952	08-26-77				

REMARKS: REVIEW, PREPARE COMMENTS & PREPARE SER

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INDUSTRY ORGANIZATION: GENERAL ATOMIC

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RI SYM: GA-A13010A (NP)                      SUBMIT DATE: 01-29-81      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 03-05-81  
TAC #: 09000  
TITLE: GENERAL ATOMIC QUALITY ASSURANCE - AMENDMENT 6

REMARKS:

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RI SYM: GA-A13248 (NP)  
TITLE: TAP: A PROGRAM FOR ANALYSIS OF HTGR STEAM SUPPLY SYSTEM PERFORMANCE TRANSIENTS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
ADSP	R. CLARK	CPB SSPB	PHILLIPS BERGGREN	LEP JXB	03660	02-26-76				

REMARKS: REVIEW DEFERRED, TO BE COMPLETED BUT NOT NOW ACTIVE.

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RI SYM: GA-A13325 (NP)                      SUBMIT DATE: 04-18-75      CONCLUSION: WITHDRAWN                      LETTER TO IND ORG: 06-14-79  
TAC #: 01632  
TITLE: BACK-PRESSURE REQUIREMENT FOR CACS CORE COOLING

REMARKS: REVIEW TERMINATED, REPORT OBSOLETE.

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RI SYM: GA-A1353 (NP)  
TITLE: GA-A1353 STATUS OF SAFETY-RELATED QUALIFICATIONS & DESIGN VERIFICATIONS & SUPPORT PROGRAMS IN SUPPORT OF HTGR PSAR'S

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
ADSP	R. CLARK	ICB GIB GIB SEB SEB SSPB	MILLER MATTU LITTON TAN SCHAUER BERGGREN	CFM RKM FBL CPT FPS JXB	01797		09-30-75	10-17-75		10-28-76 10-29-75 10-02-75 09-30-75 10-08-75

REMARKS:

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INDUSTRY ORGANIZATION: GENERAL ATOMIC

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RI SYM: GA-A14520 (NP)

TITLE: FT. ST.VRAIN - ACCIDENT REANALYSIS USING RECA3 CODE

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
ARB	WILLIAMS	RSB SSPB	SHERON BERGGREN	BWS JXB	04967	09-01-77				05-05-80

REMARKS: REVIEW TO BE COMPLETED BUT NOT NOW ACTIVE.

RI SYM: GA-4 (NP)

TITLE: GA-LTR-4 'AFTER HEAT CALCULATIONS FOR HTGR'

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
ADSP	A. BOURNIA	CRBR	CHECK	PSC	00738					03-20-74

REMARKS:

RI SYM: GLP-5640 (NP)

TITLE: SAR USE OF THO2 FERTILE FUEL PARTICLES IN FT ST VRAIN FUEL ELEMENTS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
ARB	WILLIAMS	CPB ORB3	TOKAR KUZMYCZ	MXT GAK	05066	07-14-78				07-19-79 07-17-81

REMARKS: REVIEW DEFERRED AT REQUEST OF APPLICANT.

RI SYM: GLP-5683 (NP)

SUBMIT DATE: 03-28-78

CONCLUSION: ACCEPTED

LETTER TO IND ORG: 05-21-79

TAC #: 04985

TITLE: SAFETY ANALYSIS REPORT USE OF H-451 GRAPHITE IN FT ST VRAIN FUEL ELEMENTS

REMARKS:







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INDUSTRY ORGANIZATION: GENERAL ELECTRIC

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RI SYM: NEDE-10801A (P), NEDO-10801 (NP)      SUBMIT DATE: 03-30-73      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 11-26-74  
TAC #: 00441  
TITLE: MODELING THE BWR/6 LOSS-OF-COOLANT ACCIDENT: CORE SPRAY AND BOTTOM FLOODING HEAT TRANSFER EFFECTIVENESS  
REMARKS: "A" VERSION DATED 06-06-77

RI SYM: NEDE-10958 (P), NEDO-10958A (NP)      SUBMIT DATE: 11-30-73      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 10-24-74  
TAC #: 00748  
TITLE: GENERAL ELECTRIC BWR THERMAL ANALYSIS BASIS (GETAB) DATA CORRELATION AND DESIGN APPLICATION  
REMARKS: "A" VERSION DATED 05-18-77

RI SYM: NEDE-20231A (P), NEDO-20231A (NP)      SUBMIT DATE: 02-21-74      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 11-27-74  
TAC #: 00880  
TITLE: EMERGENCY CORE COOLING TESTS OF AN INTERNALLY PRESSURIZED ZIRCALLOY-CLAD, 8 X 8 SIMULATED BWR FUEL BUNDLE  
REMARKS: APPROVED FOR REFERENCE. "A" VERSION DATE 04-30-76

RI SYM: NEDE-20566 (P), NEDO-20566 (NP)      SUBMIT DATE: 12-26-80      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 02-04-81  
TAC #: 01196  
TITLE: ANALYTICAL MODEL FOR LOSS OF COOLANT ANALYSES IN ACCORDANCE PARAGRAPH 4 LIMITATION  
REMARKS: ISSUED SSER ON BASIC REPT REMOVING REG POSITION #4; ACCEPTED BASIC & AMM 1 & 4 SER AMEND 4 PROPRIETARY

RI SYM: NEDE-20606A (P), NEDO-20606A (NP)      SUBMIT DATE: 08-30-74      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 04-02-75  
TAC #: 01089  
TITLE: CREEP COLLAPSE ANALYSIS OF BWR FUEL USING SAFE-COLAPS MODEK, AND AMEND. 1  
REMARKS: "A" VERSION DATED 9-29-76 NEDO-20605 SUPERCEDED BY 20606

RI SYM: NEDE-20913A (P), NEDO-20913A (NP)      SUBMIT DATE: 06-17-76      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 09-22-76  
TAC #: 03980  
TITLE: LATTICE PHYSICS METHODS  
REMARKS: "A" VERSION DATED 4-12-77

RI SYM: NEDE-20922 (P), (NP)      SUBMIT DATE: 07-15-75      CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 12-01-81  
TAC #: 01858  
TITLE: EXPERIENCE WITH BWR FUEL THROUGH SEPT. 1974  
REMARKS: GE CONSIDERS INFORMATION REPORT - NOT SUBMITTED FOR APPROVAL

RI SYM: NEDE-20943 (P), NEDO-20943 (NP)      SUBMIT DATE: 02-04-77      CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 12-30-81  
TAC #: 04480  
TITLE: URANIA-GADOLINIA NUCLEAR FUEL PHYSICAL & IRRADIATION CHARACTERISTICS AND MATERIAL PROPERTIES  
REMARKS: REV 1 OF NEDE 23785 SUPERSEDES NEDE 20943

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RI SYM: NEDE-20944 (P), NEDC-20944 (NP)      SUBMIT DATE: 07-30-76      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 11-08-77  
TAC #: 04291  
TITLE: BWR/4 AND BWR/5 FUEL DESIGN (NA)

REMARKS: SECTIONS 2 & 3 APPROVED 9/30/77; SECTION 4 NOT ACCEPTABLE TO AB; LETTER TO GE 11/8/77.

RI SYM: NEDE-20948 (P), NEDO-20948 (NP)      SUBMIT DATE: 02-20-76      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 02-15-78  
TAC #: 03998  
TITLE: BWR/6 FUEL DESIGN, AMEND. 1

REMARKS: ACCEPTED SECTIONS 4.2 & 4.3; SECTION 4.4 AND 15 NOT ACCEPTED

RI SYM: NEDE-21021 (P), NEDO-21021 (NP)

TITLE: TEST PROGRAM FOR BWR CONTROL ROD DRIVE COLLET RETAINER TUBES; BWR MODELS 2, 3, & 4

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COM DATE
SEPB	R SILVER	SSPB	BERGGREN	JXB	06006	06-23-76				

REMARKS:

RI SYM: NEDE-21056-1-P (P), NEDO-21056 (NP)

TITLE: N66 SJAE OFF-GAS TREATMENT SYSTEM

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COM DATE
LWR3	R. CAPRA	ETSB RAB SSPB	BANGART HINSON BERGGREN	RQB XCH JXB	04578	04-01-77			02-15-79	

REMARKS: GE RESPONSE RECEIVED 10/78; ERRATA AND ADDENDA TO AMEND. 1 RECEIVED BY LETTER DATED 9/7/79.

RI SYM: NEDE-21069 (P), NEDO-21069 (NP)      SUBMIT DATE: 12-09-75      CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 12-01-81  
TAC #: 03090  
TITLE: MARK III CONTAINMENT SEISMIC SLOSH

REMARKS: CLASSIFIED BY GE AS AN INFORMATION REPORT

RI SYM: NEDE-21175 (P), NEDO-21175 (NP)      SUBMIT DATE: 11-30-76      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 05-17-79  
TAC #: 04376  
TITLE: BWR/6 FUEL ASSEMBLY EVALUATION OF COMBINED SSE AND LOCA LOADINGS, AMEND 1, AMEND 2

REMARKS: ANALYTICAL METHODS ONLY ACCEPTABLE FOR REFERENCING.

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RI SYM: NEDE-21175 (P), NEDO-21175 (NP)

TITLE: BWR/6 FUEL ASSEMBLY EVALUATION OF COMBINED SSE & LOC/ LOADINGS (AMENDMENT NO 3)

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	48631	07-27-82				

REMARKS: REVIEW COMMENT & PREPARE SER SUPPORTS LA SALLE

RI SYM: NEDE-21282A (P), NEDO-21282A (NP)      SUBMIT DATE: 05-10-77      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 01-03-78  
TAC #: 04264  
TITLE: GE DENSIFICATION PROGRAM STATUS

REMARKS: "A" VERSION DATED 03-07-78

RI SYM: NEDE-21354 (P), NEDO-21354 (NP)

TITLE: BWR FUEL CHANNEL MECHANICAL DESIGN AND DEFLECTION

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR3	R. CAPRA	CPB SSPB	TOKAR BERGGREN	MXT JXB	04272	09-24-76				06-09-77

REMARKS: RSB REVIEW COMPLETE; CPB REVIEW DELAYED.

RI SYM: NEDE-21596-P (P), NEDO-21596 (NP)

TITLE: MARK III CONFIRMATORY TEST PROGRAM - 1/3 SCALE CONDENSATION AND STRATIFICATION PHENOMENA - TEST SERIES 5807

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR3	R. CAPRA	CSB SSPB	GREENE BERGGREN	TAG JXB	04675	08-25-77				

REMARKS:

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RI SYM: NEDE-21606 (P), NEDO-21606 (NP)

TITLE: MARK III 1/3 AREA SCALE SUBMERGED STRUCTURE TEST

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR3	R. CAPRA	SSPB	BERGGREN	JXB	04767	11-18-77				

REMARKS:

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RI SYM: NEDE-21821 (P), NEDO-21821 (NP)      SUBMIT DATE: 09-04-79      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 12-01-80  
TAC #: 07006  
TITLE: BOILING WATER REACTOR FEEDWATER NOZZLE/SPARGER FINAL REPORT, SUPPL 1.

REMARKS: GE CONSIDERS INFORMATION REPORT

RI SYM: NEDE-22148 (P), NEDO-22148 (NP)

TITLE: EXTENDED BURNUP EVALUATION TECHNOLOGY

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	48568	06-25-82				

REMARKS: REVIEW COMMENT & PREPARE SER

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RI SYM: NEDE-23785 (P), NEDO-23785 (NP)      SUBMIT DATE: 03-21-78      CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 12-30-81  
TAC #: 04848  
TITLE: GESTR, A MODEL FOR PREDICTION OF GE BWR FUEL ROD THERMAL/MECHANICAL PERFORMANCE

REMARKS: SUPERCEDED BY NEDE 23785-1(P) 11/25/80

RI SYM: NEDE-23785-1 (P), NEDO (NP)

TITLE: TR "THE GESTRA-LOCA & SAFER MODELS FOR THE EVAL OF LOSS OF COOLANT ACCIDENT VOLS I & II REV 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	47836	12-30-81				
		RSB	COLLINS	TEC						
		CPB	VOGLEWEDE	JCV						

REMARKS: RECD ADDENDA & ERRATA #1 DAATED 4/82

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RI SYM: NEDE-23786-1 (P), NEDO-23786 (NP)      SUBMIT DATE: 05-25-78      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 11-20-78  
TAC #: 04856  
TITLE: FUEL ROD PREPRESSURIZATION; AMEND. 1

REMARKS: AMEND. 1, BASED ON GEGAP-4II APPROVED; GESTR BASED REPORT PENDING.

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RI SYM: NEDE-24010 (P), NEDO-24010 (NP)      SUBMIT DATE: 08-01-77      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 06-19-80  
TAC #: 43182  
TITLE: TR BASIS FOR COMBINATION OF EARTHQUAKE AND OTHER TRANSIENT RESPONSES BY THE SQ. ROOT SUM OF SQUARES METHOD

REMARKS: ACCEPT INCLUDES SUPPL. 1 THRU 3

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RI SYM: NEDE-24011-A-3 (P), NEDO-24011-A3 (NP) SUBMIT DATE: 09-08-81      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 04-16-81  
TAC #: 06147  
TITLE: TR "GENERIC RELOAD FUEL APPLICATION" REV2

REMARKS: RECD REV3 INCORPORATING ADMIN CHG & REPLACING APP D; RECD PROPOSED ADM CHG AMEND 12

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RI SYM: NEDE-24011-PA-4 (P), NEDO-24011-PA4(NP) SUBMIT DATE: 01-29-82      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 04-23-82  
TAC #: 47896  
TITLE: TR "GENERAL ELECTRIC STANDARD APPLICATION FOR REACTOR FUEL"

REMARKS: INCLUDES SECOND VOLUME # NEDE24011-P-A-4-US SUPPLEMENT

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RI SYM: NEDE-24057-PA (P), NEDO-24057-A (NP) SUBMIT DATE: 12-01-77      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 10-28-80  
TAC #: 04768  
TITLE: ASSESSMENT OF REACTOR INTERNALS VIBRATION IN BWR/4 AND BWR/5 PLANTS

REMARKS: REC'D ACCEPTED VERSION NEDO24057A & NEDE24057PA DATED 4/81 NEDE24057PA DATED 4/87

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RI SYM: NEDE-24076-1-P (P), NEDO-24076-1 (NP)  
TITLE: DESIGN REPORT & SAFETY EVALUATION FOR HIGH DENSITY FUEL STORAGE SYSTEM

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR3	R. CAPRA	CPB SSPB	BROOKS BERGGREN	WXB JXB	04782	12-22-77		09-30-81		

REMARKS: AMEND. 1 RECEIVED VIA LETTER DATED 6/8/79.

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RI SYM: NEDE-24142 (NP)      SUBMIT DATE: 12-22-77      CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 12-01-81  
TAC #: 05162  
TITLE: FAST SCRAM CONTROL ROD DRIVE QUALIFICATION PROGRAM

REMARKS: NOT SUBMITTED AS TOPICAL REPORT SEE GESSAR

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RI SYM: NEDE-24154-P (P), NEDO-24154 (NP)      SUBMIT DATE: 12-15-78      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 02-04-81  
TAC #: 05139  
TITLE: QUALIFICATION OF ONE DIMENSIONAL CORE TRANSIENT MODEL FOR BWR  
REMARKS: NEDO 24154 VOL I&II N. PROP NEDE 24154 VOL III PROP

RI SYM: NEDE-24284P (P), (NP)  
TITLE: TR "ASSESSMENT OF FUEL-ROD BOWING IN GENERAL ELECTRIC BOILING WATER REACTORS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COI P DATE
SSPB	BERGGREN	SSPB CPB	BERGGREN POWERS	JXB DAP	43379	12-23-80		09-30-81 09-01-82	11-02-81	

REMARKS: RESPONSE RECD TO RFAI 1&2 RESP DTD 4/6/82

RI SYM: NEDM-10498 (P), (NP)      SUBMIT DATE: 01-00-72      CONCLUSION: NOT ACCEPTED      LETTER TO IND ORG: 12-13-71  
TAC #: 03839  
TITLE: INTERIM REPORT - SYSTEM CRITERIA AND APPLICATIONS FOR PROTECTION AGAINST THE DYNAMIC EFFECTS OF PIPE BREAK  
REMARKS:

RI SYM: NEDM-10735 (NP)      SUBMIT DATE: 12-00-72      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 12-14-73  
TAC #: 03826  
TITLE: DENSIFICATION CONSIDERATIONS IN BWR FUEL DESIGN AND PERFORMANCE  
REMARKS: RESPONSES TO QUESTIONS ON NEDM 10735 ARE CONTAINED IN NEDO 20134 THROUGH 20138

RI SYM: NEDO-10017 (NP)      SUBMIT DATE: 12-12-71      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 12-13-71  
TAC #: 03850  
TITLE: FIELD TESTING REQUIREMENTS FOR FUEL, CURTAINS AND CONTROL RODS  
REMARKS:

RI SYM: NEDO-10045 (NP)      SUBMIT DATE: 11-21-69      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 12-13-71  
TAC #: 03831  
TITLE: CONSEQUENCES OF A STEAM LINE BREAK IN A GENERAL ELECTRIC BOILING WATER REACTOR  
REMARKS:

RI SYM: NEDO-10115 (NP)      SUBMIT DATE: 07-00-69      CONCLUSION: NOT ACCEPTED      LETTER TO IND ORG: 12-31-71  
TAC #: 03835  
TITLE: MECHANICAL AND MATERIAL SURVEILLANCE OF GENERAL ELECTRIC BWR PRESSURE VESSELS  
REMARKS:

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RI SYM: NEDO-20355A (NP)                      SUBMIT DATE: 04-05-74      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 12-13-74  
TAC #: 00926  
TITLE: THE EFFECT OF A LARGE BUNDLE FLOW AREA RESTRICTION ON THE BWR EMERGENCY CORE COOLING SYSTEM EFFECTIVENESS

REMARKS: "A" VERSION DATED 10-05-76

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RI SYM: NEDO-20533 (NP)                      SUBMIT DATE: 09-25-76      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 08-14-75  
TAC #: 01890  
TITLE: THE GENERAL ELECTRIC MARK III PRESSURE SUPPRESSION CONTAINMENT SYSTEM ANALYTICAL MODEL, SUPPLEMENT 1

REMARKS: NEDO-20533 ACCEPTED WITH COND. 08-14-75. SUPPL 1 WAS FILED TO JUSTIFY REMOVING COND. ADDL GE INFO RCVD 6-30-78

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RI SYM: NEDO-20626 (NP)  
TITLE: STUDIES OF BWR DESIGNS FOR MITIGATION OF ATWS, AND AMEND 1 & 2

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	R. CAPRA	SSPB	BERGGREN	JXB	01146	05-30-75				

REMARKS: REPORT IS BEING REVIEWED AS PART OF THE ATWS GENERIC REVIEW

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RI SYM: NEDO-20939A (NP)                      SUBMIT DATE: 06-15-76      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 09-22-76  
TAC #: 03981  
TITLE: LATTICE PHYSICS METHODS VERIFICATION

REMARKS: "A" VERSION DATED 02-09-77

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RI SYM: NEDO-20946A (NP)                      SUBMIT DATE: 07-01-76      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 09-22-76  
TAC #: 03983  
TITLE: BWR SIMULATOR METHODS VERIFICATION

REMARKS: "A" VERSION DATED 02-09-77

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RI SYM: NEDO-20953A (NP)                      SUBMIT DATE: 06-29-76      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 09-22-76  
TAC #: 03982  
TITLE: THREE-DIMENSIONAL BWR CORE SIMULATOR

REMARKS: "A" VERSION DATED 02-09-77

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INDUSTRY ORGANIZATION: GIBBS & HILL, INC

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RI SYM: GIBSAR-17 (NP)                      SUBMIT DATE: 06-23-81      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 08-12-81  
TAC #: 09054  
TITLE: GIBBS & HILL, INC.--QUALITY ASSURANCE PROGRAM--AMENDMENT 5

REMARKS:  
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INDUSTRY ORGANIZATION: GULF & WESTERN

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RI SYM: FSD-2538 (NP)

TITLE: GULF & WESTERN TOPICAL REPORT: MAIN STEAM ISOLATION VALVE SYSTEMS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	ROOD	SSPB EQB	BERGGREN WRIGHT	JXB RFW	05395	01-24-79				

REMARKS:  
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INDUSTRY ORGANIZATION: H. H. ROBERTSON CO.

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RI SYM: HHR-1 (P), HHR-1 (NP)

TITLE: COMPOSITE STEEL PANELS FOR TORNADO MISSILE BARRIER WALLS REVISION 2

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	R. BAER	SEB SSPB	ROTHBERG BERGGREN	00R JXB	01969	06-09-77			01-24-78	

REMARKS: RESPONSES TO QUESTIONS RECEIVED 4-5-78.

RI SYM: HHR-2 (NP)

TITLE: CONTROLLED RELEASE WALL SYSTEM

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	J. SNELL	SSPB	BERGGREN	JXB	04803	12-01-76			03-28-77	

REMARKS: REC'D RESPONSES TO QUESTIONS DATED 5/5/77





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INDUSTRY ORGANIZATION: JGC CORPORATION

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RI SYM: JGC-TR-001 (P), JGC-TR-001 (NP)

TITLE: TR "THE DRUM MIXER PROCESS FOR VOLUME REDUCTION & SOLIDIFICATION"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	47369	11-20-81				

REMARKS:  
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INDUSTRY ORGANIZATION: JOHN BLUME & ASSOCIATES

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RI SYM: PIPESD-1 (NP)

SUBMIT DATE: 08-06-73

CONCLUSION: WITHDRAWN

LETTER TO IND ORG: 05-20-74

TAC #: 03880

TITLE: PIPE STATIC AND DYNAMIC ANALYSIS

REMARKS:  
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INDUSTRY ORGANIZATION: MISSISSIPPI POWER & LIGHT

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RI SYM: MPL-TOP-1 (NP)                      SUBMIT DATE: 03-20-81      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 05-22-81  
TAC #: 09166  
TITLE: OPERATIONAL QA MANUAL, REV 2

REMARKS:  
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INDUSTRY ORGANIZATION: NEWPORT NEWS INDUSTRIAL

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RI SYM: EI-NNI-77-7 (P), EI-NNI-77-7 (NP)

TITLE: TR "RWR-1 TM RADWASTE VOLUME REDUCTION SYSTEM

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	R. BAER	RAB	HINSON	XCH	04614	11-25-80			09-16-81	
		ETSB	BANGART	RQB						
		SSPB	BERGGREN	JXB						
		ETSB	HAYES	JGH						
		RAB	PEDERSON	RHP						
		ETSB	LEE	JYL				12-15-77		
		TMIP								

REMARKS: RECD RESPONSE DTD 3/1/82 TO REQ #4 FOR ADD INFO

RI SYM: NNI-81-6 (P), NNI-81-6 (NP)

TITLE: TR "WASTE SOLIDIFICATION & PACKAGING SYSTEM (WSP)"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	46583	06-25-81				
		ETSB	LEE	JYL						
		ETSB	BANGART	RQB						

REMARKS: REVIEW, COMMENT & PREPARE SER

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INDUSTRY ORGANIZATION: NORTHEAST UTILITIES

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RI SYM: NU-QA-1 (NP)                      SUBMIT DATE: 03-18-82      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 04-09-82  
TAC #: 09164  
TITLE: NU-QA-1 TOPICAL QUALITY ASSURANCE PROGRAM MANUAL, REV.4A

REMARKS:  
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INDUSTRY ORGANIZATION: OTTO H. YORK

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RI SYM: YORK-80-67479 (NP)

TITLE: TR PERFORMANCE OF YORK MODEL 299 TYPE 3G DEMISTER MOISTURE SEPARATOR IN REMOVING DROPLETS IN AN AIR-STRM DISPERSION

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB ETSB	BERGGREN BANGART	JXB RQB	42354	04-21-80			10-22-80	

REMARKS: REVIEW, COMMENT AND PREPARE SER

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INDUSTRY ORGANIZATION: OWENS CORNING FIBERGLASS

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RI SYM: OCF-1 (P), OCF-1 (NP)                      SUBMIT DATE: 09-01-77      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 12-08-78  
TAC #: 04672  
TITLE: NUCLEAR CONTAINMENT INSULATION SYSTEM

REMARKS:  
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INDUSTRY ORGANIZATION: PACIFIC NORTHWEST

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RI SYM: PNL-74-1 (NP)                      SUBMIT DATE: 10-17-74      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 12-09-74  
TAC #: 03886  
TITLE: FINAL REPORT REMOVAL OF IODINE BY CONTAINMENT SPRAYS CONTAINING TRACE LEVELS OF HYDRAZINE

REMARKS:  
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INDUSTRY ORGANIZATION: PORTLAND GENERAL ELECTRIC

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RI SYM: PGE-8003 (NP)                      SUBMIT DATE: 06-00-78      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 10-27-77  
TAC #: 09078  
TITLE: NUCLEAR PROJECTS QA PROGRAM--PORTLAND GENERAL ELECTRIC - REV. 4

REMARKS: REV. 4 INDEFINITELY POSTPONED BY PORTLAND GENERAL ELECTRIC DUE TO MORATORIUM ON PEBBLE SPRINGS PLANT  
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INDUSTRY ORGANIZATION: RALPH M. PARSONS QA PROGRAM

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RI SYM: P-TOP-QA1 (NP)                      SUBMIT DATE: 03-17-78      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 06-27-78  
TAC #: 09066  
TITLE: PARSONS QUALITY ASSURANCE PROGRAM FOR NUCLEAR FACILITIES -- REV. 2

REMARKS:  
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INDUSTRY ORGANIZATION: SAN DIEGO GAS & ELECTRIC

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RI SYM: SDQAPD-1 (NP)

SUBMIT DATE: 02-00-78

CONCLUSION: ACCEPTED

LETTER TO IND ORG: 03-15-78

TAC #: 09118

TITLE: SAN DIEGO GAS & ELECTRIC--QA PROGRAM DESCRIPTION, REV 1A

REMARKS:  
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INDUSTRY ORGANIZATION: SARGENT & LUNDY

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RI SYM: S&L-TR-1A (NP)                      SUBMIT DATE: 09-28-77      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 11-08-77  
TAC #: 09072  
TITLE: S&L-QAP-1 QUALITY ASSURANCE PROGRAM--REV 5

REMARKS: REV 6 HAS BEEN SUBMITTED & IS AWAITING RESPONSE TO QUESTIONS OF 10/24/80  
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INDUSTRY ORGANIZATION: SCANDPOWER INC

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RI SYM: SCP-01 (NP)

TITLE: TR "RADICAL GAMMA THERMOMETERS - REV 4"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	43322	01-09-81				

REMARKS: REV 4 DATED 2/82 SUBMITTED 3/4/82  
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INDUSTRY ORGANIZATION: SPRAYING SYSTEMS CO

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RI SYM: SSC0-15215 (NP)                      SUBMIT DATE: 06-03-77      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 07-03-79  
TAC #: 04589  
TITLE: CONTAINMENT SPRAY NOZZLES FOR NUCLEAR POWER PLANTS

REMARKS: RECEIVED UPDATED VERSION OF TOPICAL REPORT WITH COPY OF NRC EVALUATION ON 8-3-79.  
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INDUSTRY ORGANIZATION: STOCK EQUIPMENT COMPANY

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RI SYM: SRS-001 (NP)

TITLE: STOCK EQUIPMENT COMPANY SOLID RADWSATE SYSTEM

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
RAB	BAER	ETSB	BANGART	RQB	05220	04-09-79				
		RAB	HINSON	XCH						
		SSPB	BERGGREN	JXB						
		ETSB	LEE	JYL						

REMARKS:  
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INDUSTRY ORGANIZATION: STONE & WEBSTER

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RI SYM: SWECO-7703 (NP)

TITLE: MISSILE-BARRIER INTERACTION

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. WILSON	SEB SSPB	ROTHBERG BERGGREN	OOD JXB	04723	09-23-77				

REMARKS:

RI SYM: SWECO-8101 (NP)

TITLE: TR"MODELS USED IN LOCTVS-A COMP CODE TO DETER PRES & TEMP RESP OF VAPOR SUPPR CONTNMT FOLLOWING LOSS-OF-COOL ACCIDNT

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	43576	03-06-81				

REMARKS: REPLACES SWECO 7503 - APPLICABLE TO RIVER BEND 1&2 AND NINE MILE POINT 2

RI SYM: SWND-1 (P), SWND-1A (NP)      SUBMIT DATE: 12-06-71      CONCLUSION: NOT ACCEPTED      LETTER TO IND ORG: 10-07-74  
TAC #: 03862  
TITLE: LOCTIC - A COMPUTER CODE TO DETERMINE THE PRESSURE AND TEMPERATURE RESPONSE OF A DRY CONTAINMENTS TO A LOCA

REMARKS: S & W RESPONSE DN 11-01-74, S & W WILL UPDATE REPORT

RI SYM: SWND-2 (NP)      SUBMIT DATE: 05-21-74      CONCLUSION: NOT ACCEPTED      LETTER TO IND ORG: 10-07-74  
TAC #: 03882  
TITLE: LOCTVS - COMPUTER CODE FOR PRESSURE AND TEMP. RESPONSE OF PRESSURE SUPPRESSION CONTNMNT (INCLDG SUPP 1 & 2)

REMARKS: S & W RESPONSE DN 11-01-74, S & W WILL UPDATE REPORT

RI SYM: SWND-5 (NP)      SUBMIT DATE: 12-10-69      CONCLUSION: NOT ACCEPTED      LETTER TO IND ORG: 10-07-74  
TAC #: 03883  
TITLE: RECOMMENDED ALLOWABLE MEMBRANE SHEAR FOR RESISTING EARTHQUAKE FORCES IN CONTAINMENT STRUCTURE (INCLDG SWND-55)

REMARKS: S & W RESPONSE DN 11-01-74, S & W IS CONSIDERING RESUBMITTING REPORT

RI SYM: SWSQAP-1-74A (NP)      SUBMIT DATE: 11-17-78      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 11-22-78  
TAC #: 00898  
TITLE: STANDARD NUCLEAR QA PROGRAM, REV. C

REMARKS:

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INDUSTRY ORGANIZATION: TELEDYNE ENERGY

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RI SYM: PPI-TR-7701 (NP)

TITLE: TR "LI-FORM RADWASTE SOLIDIFICATION SYSTEM" REV1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	R. BENEDICT	RAB ETSB SSPB ETSB	HINSON BANGART BERGGREN CHANDRASEKARAN	XCH RQB JXB TBC	04864	12-28-79	06-01-80		07-17-81	

REMARKS: REC'D RESPONSE DATED 7/23/81 TO REQUEST 2 FOR ADDITIONAL INFO

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INDUSTRY ORGANIZATION: TENNESSEE VALLEY AUTHORITY

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RI SYM: TVA-74-1 (NP)

TITLE: THE GENERATION OF MISSILES BY TORNADOES

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	R. BAER	AEB	READ	JXR	01366	12-26-74				05-15-76

REMARKS: NOT UNDER ACTIVE REVIEW.

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INDUSTRY ORGANIZATION: TRANSNUCLEAR INC.

RI SYM: IN-RW-101 (P), TN-RW-101 (NP)

TITLE: TR "IN 220 RADIOACTIVE WASTE VOLUME REDUCTION SYSTEM"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB RAD	BERGGREN HINSON	JXD XCH	43301	12-24-80				

REMARKS: REVIEW COMMENT AND PREPARE SER REVIEW PROPRIETARY AFFADAVIT & COMMENT

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INDUSTRY ORGANIZATION: US TOOL & DIE INC.

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RI SYM: UST&D-15-0002-(P) (P), UST&D-15-0002(NP)

TITLE: NUCLEAR FUEL ROD CANNISTER SYSTEM

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	48057	03-05-82			07-21-82	

REMARKS: REVIEW COMMENT & PREPARE SER; RFAI #1

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INDUSTRY ORGANIZATION: UTILITY GROUP FOR REG. APPLICATION

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RI SYM: EPRI-NP (NP)

TITLE: RETRAN TOPICAL REPORT

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	HOUGHTON	CPB SSPB RSB AEB	PHILLIPS BERGGREN LONG LEVINE	LEP JXB JKL JXL	05355	10-25-79		12-30-82		

REMARKS: RECD RETRAN 02 EPRI NP-1850 CCM SUBMITTED 10/23/81 SUBMITTED 10/23/81

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INDUSTRY ORGANIZATION: VIR. ELECTRIC & POWER CO

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RI SYM: VEP-FRD-19A (NP)                      SUBMIT DATE: 08-10-81      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 05-18-81  
TAC #: 43231  
TITLE: TR "THE PDQ07 DISCRETE MODEL"

REMARKS: "A" VERSION DATED 7/81

RI SYM: VEP-FRD-20A (NP)                      SUBMIT DATE: 08-10-81      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 05-20-81  
TAC #: 43232  
TITLE: TR "PDQ07 ONE ZONE MODEL"

REMARKS: "A" VERSION DATED 7/81

RI SYM: VEP-FRD-23 (NP)

TITLE: TOPICAL REPORT - VEPKO THERMAL HYDRAULIC ANALYSIS MODEL-

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
ORB1	NEIGHBORS	SSPB	BERGGREN	JXB	08703	09-19-78				

REMARKS:

RI SYM: VEP-FRD-24A (NP)                      SUBMIT DATE: 08-10-81      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 05-13-81  
TAC #: 10193  
TITLE: TOPICAL REPORT-VEPCO FLAME MODEL

REMARKS: "A" VERSION DATED 7/81

RI SYM: VEP-FRD-33 (NP)

TITLE: TR "VEPCO REACTOR CORE THERMAL-HYDRAULIC ANALYSIS USING THE COBRA MC/MIT COMPUTER CODE"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	CPB	SCHWENK	GES	42340	06-12-81			04-09-81	
		CPB	HSII	YBH						
		SSPB	BERGGREN	JXB						
		CPB	GUPTA	SBG						

REMARKS: RECEIVED RESP TO REQUEST NO. 1 FOR ADDITIONAL INFORMATION

RI SYM: VEP-FRD-36A (NP)                      SUBMIT DATE: 05-12-80      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 11-07-80  
TAC #: 41035  
TITLE: CONTROL ROD BANK REACTIVITY WORTH TESTS BY ROD SWAP TECHNIQUES

REMARKS: "A" VERSION DATED 12/80 SER RECD

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INDUSTRY ORGANIZATION: VIR. ELECTRIC & POWER CO

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RI SYM: VEP-FRD-41 (NP)

TITLE: TR "REACTOR SYSTEM TRANSIENT ANALYSES USING THE RETRAN COMPUTER CODE"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	RSB SSPB CPB	CARTER BERGGREN GUPTA	JBC JXB SBG	43756	04-14-81				

REMARKS: REVIEW, COMMENT & PREPARE SER

RI SYM: VEP-FRD-42 (NP)

TITLE: TR "RELOAD NUCLEAR DESIGN METHODOLOGY"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	46570	06-21-81				

REMARKS: REVIEW, COMMENT & PREPARE SER

RI SYM: VEP-FRD-45 (NP)

TITLE: TR "VEPCO NUCLEAR DESIGN RELIABILITY FACTORS"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	47190	11-04-81				

REMARKS:

RI SYM: VEP-1-3A (NP)

TITLE: QUALIFY ASSURANCE PROGRAM--OPERATIONS PHASE - AMENDMENT 4

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
QAB	HAASS	QAB	SPRAUL	JGS	09045	05-12-82		08-30-83	06-09-82	

REMARKS: REV. 4 HAS BEEN SUBMITTED (7/15/82) AND IS BEING REVIEWED

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INDUSTRY ORGANIZATION: WASHINGTON PUBLIC POWER SUPPLY

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RI SYM: WPPSS-QA-004 (NP)

SUBMIT DATE: 12-21-81

CONCLUSION: ACCEPTED

LETTER TO IND ORG: 01-14-82

TAC #: 09139

TITLE: OPERATIONAL QUALITY ASSURANCE PROGRAM DESCRIPTION, REV 6

REMARKS:  
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INDUSTRY ORGANIZATION: WESTINGHOUSE

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RI SYM: NS-EPR-2545 (P), (NP)

TITLE: DROPPED ROD METHODOLOGY FOR NEGATIVE FLUX RATE TRIP PLANTS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	48040	01-20-82				

REMARKS: REVIEW COMMENT & PREPARE SER

RI SYM: NS-TMA-2448 (P), (NP)      SUBMIT DATE: 06-12-81      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 12-01-81  
TAC #: 46496  
TITLE: TR WESTINGHOUSE ECCS LARGE BREAK 1981 EVALUATION

REMARKS: RECD ACCEPTED VERSION IDENTIFIED AS WCAP 9220A

RI SYM: WCAP-0639 (P), (NP)

TITLE: REPT ON SMALL BRK ACCIDENTS FOR WESTINGHSE NUCLEAR STEAM SUPPLY SYS(NSSS) WITH UPPER HEAD INJECT(UHI)

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	KINTNER	ORAB RSB SSPB	HOLAHAN LAUBEN BERGGREN	GXH NGL JXB	05360	12-13-79				07-31-80

REMARKS:

RI SYM: WCAP-10005(NP) (NP)

TITLE: TR "BISON-A ONE DIMENSIONAL DYNAMIC ANALYSIS CODE FOR BOILING WATER REACTORS"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	47497	12-17-81				

REMARKS: REVIEW COMMENT & PREPARE SER

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INDUSTRY ORGANIZATION: WESTINGHOUSE

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RI SYM: WCAP-10106 (NP)

TITLE: A DESCRIPTION OF THE NUCLEAR DESIGN & ANALYSIS PROGRAMS FOR BOILING WATER REACTORS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	48566	06-23-82				

REMARKS: REVIEW COMMENT & PREPARE SER

RI SYM: WCAP-10107 (P), WCAP-10108 (NP)

TITLE: A THERMAL-HYDRAULIC CODE FOR BOILING WATER REACTORS WATER REACTORS"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB CPB	BERGGREN SUN	JXB SES	48567	06-23-82				

REMARKS: REVIEW COMMENT & PREPARE SER

RI SYM: WCAP-7048 (P), WCAP-7757 (NP)      SUBMIT DATE: 12-13-73      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 07-29-74  
TAC #: 00793  
TITLE: THE PANDA CODE

REMARKS: APPROVED REPORTS 01-09-75; LIMITED TO TIME INTERVALS GREATER THAN SEVERAL MINUTES

RI SYM: WCAP-7153 (P), WCAP-7826 (NP)      SUBMIT DATE: 03-00-68      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 05-01-74  
TAC #: 00223  
TITLE: INVESTIGATION OF CHEMICAL ADDITIVES FOR REACTOR CONTAINMENT SPRAYS

REMARKS: APPVD RPT WCAP-7153-A 4/10/75 SUPERCEDES WCAP-7153(P) & WCAP-7826(NP); WITHHOLDING DENIED 10/20/77.

RI SYM: WCAP-7213 (P), WCAP-7758 (NP)      SUBMIT DATE: 12-13-73      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 07-25-74  
TAC #: 00796  
TITLE: THE TURTLE 24.0 DIFFUSION DEPLETION CODE

REMARKS: APPVD REPORTS 4/10/75; LIMITED TO TIME INTERVALS GREATER THAN SEVERAL MINUTES; WITHHOLDING APPROVED 9/27/77

RI SYM: WCAP-7240 (P), WCAP-7966 (NP)      SUBMIT DATE: 07-10-72      CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 03-17-77  
TAC #: 00274  
TITLE: AN EXPERIMENTAL INVESTIGATION OF THE EFFECT OF OPEN CHANNEL FLOW ON THERMAL-HYDRO-DYNAMIC FLOW

REMARKS: INFORMATION NOT REQUIRED FOR REVIEW; WITHHOLDING APPROVED 11/9/77

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RI SYM: WCAP-7308L (P), WCAP-7308 (NP)

TITLE: EVALUATION OF NUCLEAR HOT CHANNEL FACTOR UNCERTAINTIES

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L KINTNER	CPB SSPB	RICHINGS BERGGREN	HJR JXB	04661	07-09-70			05-15-78	

REMARKS: WITHHOLDING APPROVED 10/5/77:

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RI SYM: WCAP-7332-L (P), WCAP-7822 (NP)      SUBMIT DATE: 02-26-70      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 10-02-72  
TAC #: 03061  
TITLE: INDIAN POINT UNIT. 2 REACTOR INTERNALS MECHANICAL ANALYSIS FOR BLOWDOWN EXCITATION

REMARKS: APPVD RPT 7332-L(P)-A 11/15/73; APPVD VERSION OF WCAP-7822 NOT FILED; WITHHOLDING APPROVED 12/23/71

RI SYM: WCAP-7380-L (P), (NP)

TITLE: REVIEW WCAP-7669 AND 7380-L NUCLEAR INSTRUMENTATION SYSTEM

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	R. DEYOUNG	ADL SSPB	NOVAK BERGGREN	TMN JXB	00217					01-24-74

REMARKS:

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RI SYM: WCAP-7406 (NP)      SUBMIT DATE: 03-00-71      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 12-17-73  
TAC #: 03873  
TITLE: PART LENGTH ROD CONTROL SYSTEM

REMARKS: ACCEPTED FOR DESCRIPTION ONLY; SAFETY IMPLICATIONS OF MALFUNCTIONS REQUIRED IN SAR

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RI SYM: WCAP-7408-L (P), WCAP-7718 (NP)      SUBMIT DATE: 02-00-70      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 10-26-72  
TAC #: 03885  
TITLE: ROBERT E. GINNA UNIT NO. 1 INTERNALS ASSURANCE PROGRAM

REMARKS: FORCING FUNCTIONS, ANALYSIS METHODS, COMPARISON OF SIMILARITY REQUIRED IN SAR; WITHHOLDING APPROVED 10/26/77

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RI SYM: WCAP-7410-L (P), WCAP-7744 (NP)

TITLE: ENVIRONMENTAL TESTING OF ENGINEERED SAFETY FEATURES RELATED EQUIPMENT (NSSS - STANDARD AND NONSTANDARD SCOPE)

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	H. SPECTER	SSPB	BERGGREN	JXB	00482	12-00-70			02-22-80	

REMARKS: WITHHOLDING APPROVED 12/23/71 AND 5/9/79; ADDITIONAL INFORMATION REQUESTED 1/24/80.

RI SYM: WCAP-7411-L (P), WCAP-7813 (NP)      SUBMIT DATE: 07-14-70      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 06-13-74  
TAC #: 00275  
TITLE: ROD BUNDLE AXIAL NON-UNIFORM HEAT FLUX DNB TESTS AND DATA, REV. 1

REMARKS: APPROVED REPORTS 1/28/75; WITHHOLDING APPROVED 10/20/77

RI SYM: WCAP-7426 (NP)      SUBMIT DATE: 04-16-70      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 12-08-72  
TAC #: 03877  
TITLE: IODINE REMOVAL IN THE ICE CONDENSER SYSTEM

REMARKS: ACCEPTED PROVIDED ELEMENTAL IODINE REMOVAL EFFICIENCY EQUAL 30%

RI SYM: WCAP-7477-L (P), WCAP-7735 (NP)      SUBMIT DATE: 03-00-70      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 05-15-73  
TAC #: 03863  
TITLE: SENSITIZED STAINLESS STEEL IN WESTINGHOUSE PWR NUCLEAR STEAM SUPPLY SYSTEMS

REMARKS: ACCEPTED PROVIDED WATER CHEMISTRY AND CONTAMINATION ARE CONTROLLED; WITHHOLDING APPROVED 9/27/77.

RI SYM: WCAP-7488-L (P), WCAP-7672 (NP)      SUBMIT DATE: 01-00-71      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 03-06-74  
TAC #: 00206  
TITLE: SOLID STATE LOGIC PROTECTION SYSTEM

REMARKS: ACCEPTED PROVIDED SAR INCLUDES QUALIFICATION, CONNECTION, INDEPENDENCE, SAFETY FUNCTIONS, WITHHOLDING APPVD 10/26/77

RI SYM: WCAP-7499-L (P), WCAP-7499 (NP)      SUBMIT DATE: 06-26-70      CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 11-25-74  
TAC #: 00225  
TITLE: ELEMENTAL IODINE REMOVAL BY REACTIVE SPRAYS

REMARKS: WITHDRAWN BY WESTINGHOUSE LETTER 12-16-74

RI SYM: WCAP-7503 (NP)      SUBMIT DATE: 02-09-72      CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 01-19-76  
TAC #: 03872  
TITLE: DETERMINATION OF DESIGN PIPE BREAKS FOR WESTINGHOUSE REACTOR COOLANT SYSTEM, REV. 1

REMARKS: REPLACED BY WCAP-8082.

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RI SYM: WCAP-7506-L (P), WCAP-7819 (NP)      SUBMIT DATE: 02-00-70      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 09-03-74  
TAC #: 00792  
TITLE: TEST REPORT NUCLEAR INSTRUMENTATION SYSTEM ISOLATION AMPLIFIER, REV. 1

REMARKS: APPVD REPORTS 4/28/75; SAR MUST SHOW ADEQUATE SEPARATION OF CONNECTIONS; WITHHOLDING APPVD 10/26/77

RI SYM: WCAP-7508-L (P), WCAP-7685 (NP)      SUBMIT DATE: 12-00-70      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 06-06-73  
TAC #: 03867  
TITLE: TEST REPORT OF ISOLATION AMPLIFIERS

REMARKS: APPVD REPORTS 5/22/75; APPLICABLE TO FOXBORO CURRENT CONNECTORS & CURRENT REPEATERS; WITHHOLDING APPVD 10/26/77

RI SYM: WCAP-7509-L (P), WCAP-7824 (NP)      SUBMIT DATE: 04-20-70      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 06-06-73  
TAC #: 03866  
TITLE: ISOLATION TESTS PROCESS INSTRUMENTATION ISOLATION AMPLIFIER COMPUTER AND INSTRUMENTATION DIVISION MODEL 131-110 WEST

REMARKS: APPLICABLE TO FAULTS OF 48 TO 120 VOLTS DC AND 117 TO 460 VOLTS AC; WITHHOLDING APPROVED 12/23/71

RI SYM: WCAP-7547-L (P), WCAP-7671 (NP)      SUBMIT DATE: 04-20-70      CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 01-04-74  
TAC #: 00216  
TITLE: REVIEW WCAP-7671, WCAP-7547-L PROCESS INSTRUMENTATION FOR WNSSS

REMARKS: NOT CONSIDERED TOPICAL REPORT

RI SYM: WCAP-7558 (NP)

TITLE: SEISMIC VIBRATION TESTING WITH SINE BEATS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. CURRY	SSPB	BERGGREN	JXB	00706	10-04-72				

REMARKS: REVIEWED TOGETHER WITH WCAP-7817. ICB REVIEW DEFERRED FOR HIGHER PRIORITY WORK; MEB REVIEW COMPLETED 8/26/76.

RI SYM: WCAP-7571 (NP)      SUBMIT DATE: 03-00-71      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 12-17-73  
TAC #: 03859  
TITLE: ROD POSITION MONITORING

REMARKS: ACCEPTED FOR DESCRIPTION ONLY; SAFETY IMPLICATIONS OF MALFUNCTIONS REQUIRED IN SAR

RI SYM: WCAP-7588 (NP)      SUBMIT DATE: 12-00-71      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 08-28-73  
TAC #: 03860  
TITLE: AN EVALUATION OF THE ROD EJECTION ACCIDENT IN WEST. PRESSURIZED WATER REACTORS USING SPECIAL KINETICS METHODS, REV. 1

REMARKS: APPROVED REPORT 01-07-75

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RI SYM: WCAP-7593 (P), WCAP-7918 (NP)      SUBMIT DATE: 07-10-75      CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 11-03-77  
TAC #: 04505  
TITLE: BLOWDOWN-2--CODE REACTOR COOLANT TRANSIENTS DURING BLOWDOWN

REMARKS: TO BE REVIEWED FOR USE IN SPECIFIC ANALYSES; USE IN WCAP-8708 APPROVED 6/17/77

RI SYM: WCAP-7607 (NP)      SUBMIT DATE: 07-10-75      CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 01-04-74  
TAC #: 00315  
TITLE: EVALUATE WCAP-7607 IN-CORE INSTRUMENTATION (FLUX MAPPING & HERMOCOUPLES)

REMARKS: NOT CONSIDERED TOPICAL REPORT

RI SYM: WCAP-7667-L (P), WCAP-7755 (NP)      SUBMIT DATE: 05-05-71      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 06-13-74  
TAC #: 00276  
TITLE: INTERCHANNEL THERMAL MIXING WITH MIXING VANE GRIDS

REMARKS: APPROVED REPORTS 1/27/75; WITHHOLDING APPROVED 9/22/77

RI SYM: WCAP-7695-L (P), WCAP-7958 (NP)      SUBMIT DATE: 07-19-73      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 08-13-74  
TAC #: 00273  
TITLE: DNB TEST RESULTS FOR NEW MIXING VANE GRIDS (R)

REMARKS: APPVD REPORTS 1/21/75; INCLUDES ADD 1, DNB TEST RESULTS FOR COLD WALL CELLS; WITHHOLDING APPROVED 10/20/77

RI SYM: WCAP-7705 (NP)      SUBMIT DATE: 03-16-73      CONCLUSION: NOT ACCEPTED      LETTER TO IND ORG: 07-14-75  
TAC #: 00949  
TITLE: TESTING OF ENGINEERING SAFETY FEATURES ACTUATION SYSTEM, REV. 1

REMARKS:

RI SYM: WCAP-7706 (NP)

TITLE: AN EVALUATION OF SOLID STATE LOGIC REACTOR PROTECTION IN ANTICIPATED TRANSIENTS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. CURRY	SSPB	BERGGREN	JXB	00396	02-00-73				

REMARKS: EVALUATION WILL BE INCLUDED IN ATWS EVALUATION (WCAP-8330); SEE "STATUS REPORT ON ATWS FOR WEST. REACTORS", 12/9/75.

RI SYM: WCAP-7709-L (P), WCAP-7820 (NP)      SUBMIT DATE: 07-14-71      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 06-22-78  
TAC #: 03358  
TITLE: ELECTRIC HYDROGEN RECOMBINER--SUPPL 5, 6 & 7 (QUALIFICATION TO 1974 STANDARDS)

REMARKS: SUPPL 1-4 ACCEPTED 5/1/78 (1971 STD); SUPPL 5-7 ACCEPTED 6/22/78 (1974 STANDARD)



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RI SYM: WCAP-7807 (NP)

TITLE: REVIEW WCAP-7807 CONNECTICUT-YANKEE TESTS ON DETECTION OF POWER MALDISTRIBUTION

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	R. DEYOUNG	SSPB	BERGGREN	JXB	00212					

REMARKS:

RI SYM: WCAP-7817 (NP)

TITLE: SEISMIC TESTING OF ELECTRICAL AND CONTROL EQUIPMENT (LOW SEISMIC PLANTS)

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. CURRY	MEB SSPB	HOU BERGGREN	SXH JXB	00921	03-26-74				08-26-76

REMARKS: HOU EVAL. OF WCAP-7817 & SUPPLS. 1,2,3,4,5,8 COMPLETED 8/26/76. DUNNING & CHEN REVIEW DEFERRED FOR HIGHER PRIORITY WORK.

RI SYM: WCAP-7821 (NP)

TITLE: SEISMIC TESTING OF ELECTRICAL AND CONTROL EQUIPMENT (HIGH SEISMIC PLANTS)

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. CURRY	MEB SSPB	HOU BERGGREN	SXH JXB	00788	01-17-72		06-15-76		08-26-76

REMARKS: HOU EVAL. OF WCAP-7821 & SUPPLS. 1,2 & 6 COMPLETED 8/26/76. DUNNING & CHEN REVIEW DEFERRED FOR HIGHER PRIORITY WORK.

RI SYM: WCAP-7829 (NP)

TITLE: FAN COOLER MOTOR UNIT TEST

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. CURRY	SSPB PS	BERGGREN KNOX	JXB JYK	01524	06-08-72				09-28-79

REMARKS: EVALUATION INCLUDED IN REVIEW OF WCAP-7410L.

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RI SYM: WCAP-7832 (NP)                      SUBMIT DATE: 12-28-73      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 03-02-78  
TAC #: 00791  
TITLE: EVALUATION OF STEAM GENERATOR TUBE, TUBE SHEET AND DIVIDER PLATE UNDER COMBINED LOCA PLUS SSE CONDITIONS  
REMARKS: APPROVED RPT. 5/18/78; TUBE DEFECTS LIMITED TO 0.64 INCH CRACK & 28% WALL WASTAGE.

RI SYM: WCAP-7837 (NP)  
TITLE: POST DNP HEAT TRANSFER DURING BLOWDOWN (WCAP-7837)

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	R. DEYOUNG	ADL SSPB	NOVAK BERGGREN	TMN JXD	00277					01-24-74

REMARKS:

RI SYM: WCAP-7845 (P), WCAP-7718 (NP)                      SUBMIT DATE: 01-00-72      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 10-02-72  
TAC #: 03876  
TITLE: WESTINGHOUSE PWR INTERNALS VIBRATION SUMMARY 2-LOOP INTERNALS ASSURANCE  
REMARKS: SAR MUST INCLUDE FORCING FUNCTION, ANALYSIS METHODS, APPLICABILITY; WITHHOLDING APPROVED 10/26/77

RI SYM: WCAP-7862 (NP)                      SUBMIT DATE: 10-05-72      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 06-06-73  
TAC #: 03871  
TITLE: ISOLATION TESTS PROCESS INSTRUMENTATION ISOLATION AMPLIFIER WEST. COMPUTER & INSTRUMENTATION DIVISION NUCANA 7300 SERIES  
REMARKS: APPROVED REPORTS 3/11/75; APPLICABLE TO FAULTS OF 48 TO 120 VOLTS DC AND 130 VOLTS AC

RI SYM: WCAP-7870 (NP)                      SUBMIT DATE: 07-21-72      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 08-16-77  
TAC #: 00204  
TITLE: NEUTRON SHIELDING PADS  
REMARKS: SUBJECT TO ACCEPTABLE DYNAMIC RESPONSE TEST FOR 4-LOOP PLANTS (WCAP-8766) AND 3-LOOP (NEW REPORT)

RI SYM: WCAP-7879 (P), WCAP-9352 (NP)                      SUBMIT DATE: 07-00-72      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 12-08-72  
TAC #: 03858  
TITLE: FOUR-LOOP PWR INTERNALS ASSURANCE AND TEST PROGRAM  
REMARKS: APPROVED RPTS. 6/30/78; SAR MUST INCLUDE COMPARISON OF SIMILARITY OF REACTOR VESSEL INTERNALS.

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RI SYM: WCAP-7898 (NP)

TITLE: LONG TERM TRANSIENT ANALYSIS PROGRAM FOR PRESSURIZED WATER REACTORS (BLKOUT)

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. CURRY	SSPB	BERGGREN	JXB	00279	09-22-72				

REMARKS: RECD ADDITIONAL INFO DATED 11/18/77

RI SYM: WCAP-7907 (NP)

TITLE: LOFTRAN CODE DESCRIPTION

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. CURRY	SSPB RSB	BERGGREN THROM	JXB EXT	00278	10-19-72			07-08-81	

REMARKS: ACCEPTED FOR USE IN ATWS (4/7/76). REVIEWED TOGETHER WITH WCAP-7909(P); REC'D ADD'L INFO DATED 5/26/78, 6/16/78.

RI SYM: WCAP-7908 (NP)

TITLE: FACTRAN - A FORTRAN IV CODE FOR THERMAL TRANSIENTS IN A UO2 FUEL ROD

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. CURRY	CPB SSPB	HUANG BERGGREN	TLH JXB	00234	09-22-72		09-30-81		

REMARKS: ADDITIONAL INFORMATION RECEIVED ON 10/28/75, 7/20/78, 1/12/79.

RI SYM: WCAP-7909 (P)

TITLE: MARVEL - A .TAL COMPUTER CODE FOR TRANSIENT ANALYSIS OF A MULTI-LOOP PWR SYSTEM

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. CURRY	SSPB RSB	BERGGREN THROM	JXB EXT	00383	10-30-72			07-08-81	

REMARKS: RECD ADDITIONAL INFORMATION DATED 10/28/77; REVIEW WITH WCAP-8843(P)

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RI SYM: WCAP-7912-L (P), WCAP-7912 (NP)      SUBMIT DATE: 07-05-72      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 11-18-74  
TAC #: 00705  
TITLE: POWER PEAKING FACTORS (INCLUDING SUPP 1)

REMARKS: APPVD REPORTS 1/17/75; PEAKING FACTORS OF 2.4 NOT ACCEPTED; WITHHOLDING APPVD 10/20/77

RI SYM: WCAP-7913 (NP)      SUBMIT DATE: 03-15-73      CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 01-19-76  
TAC #: 00421  
TITLE: PROCESS INSTRUMENTATION FOR WESTINGHOUSE N555 (4 LOOP PLANT USING WCID 7300 SERIES)

REMARKS: INADEQUATE INFORMATION; LETTER FROM D.B. VASSALLO TO C. EICHELINGER ON 03-20-75

RI SYM: WCAP-7920 (NP)      SUBMIT DATE: 09-13-73      CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 03-17-77  
TAC #: 00707  
TITLE: INDIAN POINT NO. 2 PRIMARY LOOP VIBRATION TEST PROGRAM

REMARKS: APPLICABLE TO ONE PLANT ONLY

RI SYM: WCAP-7921 (NP)      SUBMIT DATE: 08-21-73      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 05-16-74  
TAC #: 00665  
TITLE: DAMPING VALUES OF NUCLEAR POWER PLANT COMPONENTS

REMARKS: APPROVED REPORT 07-11-74. REACTOR INTERNALS NOT INCLUDED; SAR MUST INCLUDE COMPARISON OF SIMILARITY OF SYSTEMS.

RI SYM: WCAP-7924 (NP)      SUBMIT DATE: 08-14-72      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 01-08-75  
TAC #: 00159  
TITLE: BASIS FOR HEATUP AND COOLDOWN LIMIT CURVES

REMARKS: APPROVED REPORT 04-28-75. METHOD FOR DETERMINING SHIFT IN RTNDT NOT ACCEPTED; MUST BE INCLUDED IN SAR.

RI SYM: WCAP-7941-L (P), WCAP-7959 (NP)      SUBMIT DATE: 07-07-72      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 06-13-74  
TAC #: 03870  
TITLE: EFFECTS OF AXIAL SPACING ON INTERCHANNEL THERMAL MIXING WITH THE R MIXIN. VANE GRID

REMARKS: APPVD REPORTS 1/27/75; WITHHOLDING APPVD 10/20/77

RI SYM: WCAP-7950 (NP)      SUBMIT DATE: 07-14-72      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 02-06-79  
TAC #: 00790  
TITLE: FUEL ASSEMBLY SAFETY ANALYSIS FOR COMBINED SEISMIC AND LOSS OF COOLANT ACCIDENT (15 X 15)

REMARKS: LOCA LOAD ANALYSIS METHOD ACCEPTED; RESULTS OF COMBINED LOADS CONSIDERED FOR EACH APPLICATION.

RI SYM: WCAP-7956 (NP)      SUBMIT DATE: 10-26-73      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 04-19-78  
TAC #: 00708  
TITLE: THINC-IV - AN IMPROVED PROGRAM FOR THERMAL AND HYDRAULIC ANALYSIS OF ROD BUNDLE CORES

REMARKS: FLUID CONDITION LIMITED TO SINGLE PHASE OR TWO-PHASE FLOW REGIME





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RI SYM: WCAP-8077 (P), WCAP-8078 (NP)      SUBMIT DATE: 03-13-73      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 12-18-73  
TAC #: 00419  
TITLE: ICE CONDENSER CONTAINMENT PRESSURE TRANSIENT ANALYSIS METHOD

REMARKS: ACCEPTED FOR MASS FLOWS EQUAL TO OR LESS THAN HOMOGENEOUS MIXTURE CRITICAL FLOW; WITHHOLDING APPVD 11/3/77

RI SYM: WCAP-8082 (P), WCAP-8172 (NP)      SUBMIT DATE: 07-19-73      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 05-22-74  
TAC #: 00608  
TITLE: PIPE BREAKS FOR THE LOCA ANALYSIS OF THE WESTINGHOUSE PRIMARY COOLANT LOOP

REMARKS: APPVD REPORTS 1/16/75; SAR TO INCLUDE APPLICABILITY, INTERFACES, PIPE FORCES, JET FORCES; WITHHOLDING APPVD 10/21/77

RI SYM: WCAP-8096 (NP)      SUBMIT DATE: 04-30-73      CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 01-19-76  
TAC #: 00471  
TITLE: ANTICIPATED TRANSIENTS WITHOUT REACTOR TRIP IN WESTINGHOUSE PRESSURIZED WATER REACTORS

REMARKS: REPLACED BY WCAP-8330

RI SYM: WCAP-8110 (NP)      SUBMIT DATE: 04-16-73      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 04-29-75  
TAC #: 01007  
TITLE: TEST PLANS AND RESULTS FOR THE ICE CONDENSER SYSTEM, INCLUDING SUPPLS. 1, 2, 3, 4, 6, 7, 8, 9, AND 10

REMARKS: FOR LAND BASED PLANTS; SUPPL. 9 (ICE FALLOUT) ACCEPTED 11/21/74; APPROVED SUPPLEMENT 9-A DATED 1/22/75.

RI SYM: WCAP-8118 (NP)      SUBMIT DATE: 10-31-73      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 07-29-74  
TAC #: 00709  
TITLE: MEASURED CHARACTERISTICS OF XENON INDUCED X-Y OSCILLATIONS IN THE H. B. ROBINSON UNIT 2 PLANT

REMARKS: APPROVED REPORT 02-05-75; ACCEPTABLE FOR CORE POWER DENSITY EQUAL TO OR LESS THAN 85 KW/LITER.

RI SYM: WCAP-8146 (P), WCAP-8147 (NP)      SUBMIT DATE: 08-21-73      CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 01-19-76  
TAC #: 03878  
TITLE: FUEL DENSIFICATION - INDIAN POINT NUCLEAR GENERATING UNIT NO. 3

REMARKS: NOT A TOPICAL REPORT; LTR FROM D B VASSALLO TO C. EICHELDINGER 3/20/75; WITHHOLDING APPVD 11/19/73

RI SYM: WCAP-8163 (NP)

TITLE: REACTOR COOLANT PUMP INTEGRITY IN A LOCA

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. CURRY	SSPB PS	BERGGREN LAZEVNICK	JXB JHL	00789	09-26-73				

REMARKS: RSB HAS LEAD; INCLUDED IN GENERIC TASK B-68

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 RI SYM: WCAP-8168 (P), WCAP-8201 (NP)      SUBMIT DATE: 01-19-74      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 03-14-75  
 TAC #: 00795  
 TITLE: EVALUATION OF DNB TEST REPEATABILITY  
 REMARKS: APPROVED REPORTS 4/18/75; WITHHOLDING APPROVED 8/24/77  
 -----  
 RI SYM: WCAP-8170 (P), WCAP-8171 (NP)      SUBMIT DATE: 07-12-74      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 05-30-75  
 TAC #: 01267  
 TITLE: CALCULATIONAL MODEL FOR CORE REFLOODING AFTER A LOSS OF COOLANT ACCIDENT (W REFLOOD CODE)  
 REMARKS: PART OF WESTINGHOUSE ECCS MODEL; WITHHOLDING APPVD 9/7/77  
 -----  
 RI SYM: WCAP-8174 (P), WCAP-8202 (NP)      SUBMIT DATE: 01-17-74      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 12-04-74  
 TAC #: 00794  
 TITLE: EFFECT OF LOCAL HEAT FLUX SPIKES ON DNB IN NON-UNIFORMLY HEATED ROD BUNDLES  
 REMARKS: APPROVED REPORTS 2/4/77; WITHHOLDING APPROVED 8/24/77  
 -----  
 RI SYM: WCAP-8176 (P), WCAP-8323 (NP)      SUBMIT DATE: 05-14-74      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 07-10-75  
 TAC #: 01043  
 TITLE: EFFECT OF A BOWED ROD ON DNB  
 REMARKS: ACCEPTED FOR STANDARD DEVIATION UP TO 30.3 MILS IM ROD-TO-ROD SPACING  
 -----  
 RI SYM: WCAP-8183 (NP)      SUBMIT DATE: 08-07-74      CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 01-19-76  
 TAC #: 03865  
 TITLE: OPERATIONAL EXPERIENCE WITH WESTINGHOUSE CORES (UP TO APRIL 1974), REV. 1  
 REMARKS: PROVIDES BACKGROUND INFORMATION ONLY; LETTER FROM D.B. VASSALLO TO C. EICHELDINGER ON 03-20-75  
 -----  
 RI SYM: WCAP-8185 (NP)      SUBMIT DATE: 09-01-73      CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 01-19-76  
 TAC #: 00780  
 TITLE: REFERENCE CORE REPORT 17X17 (AMENDMENTS 1,2,3,4 AND 5)  
 REMARKS: CONTINUING REVIEW OF 17X17 CORE TO BE MADE ON INDIVIDUAL SAR'S; NOT A TOPICAL REPORT, LETTER 07-26-74  
 -----  
 RI SYM: WCAP-8200 (P), WCAP-8261 (NP)      SUBMIT DATE: 07-15-74      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 05-30-75  
 TAC #: 00960  
 TITLE: WFLASH - A FORTRAN IV COMPUTER PROGRAM FOR SIMULATION OF TRANSIENTS IN A MULTI-LOOP PWR, REV. 2  
 REMARKS: ACCEPTED FOR USE IN ECCS MODEL ON 5/30/75. NOT REVIEWED FOR OTHER TRANSIENTS; WITHHOLDING APPROVED 9/7/77  
 -----  
 RI SYM: WCAP-8218 (P), WCAP-8219 (NP)      SUBMIT DATE: 10-31-73      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 06-25-74  
 TAC #: 00710  
 TITLE: FUEL DENSIFICATION, EXPERIMENTAL RESULTS AND MODEL FOR REACTOR APPLICATION  
 REMARKS: APPROVED REPORTS 3/6/75; ACCEPTED FOR THEORETICAL DENSITIES UP TO 96.5%; WITHHOLDING APPROVED 2/15/77.  
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RI SYM: WCAP-8271 (NP)                SUBMIT DATE: 05-31-74   CONCLUSION: WITHDRAWN   LETTER TO IND ORG: 11-09-77
TAC #: 01020
TITLE: PRESSURIZED WATER AND STEAM JET EFFECTS ON CONCRETE
REMARKS: SAR MUST INCLUDE THIS INFORMATION (STAFF LETTER DTD 11/18/74).
-----
RI SYM: WCAP-8278 (P), WCAP-8279 (NP)  SUBMIT DATE: 02-28-74   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 04-02-81
TAC #: 011902
TITLE: HYDRAULIC FLOW TEST OF THE 17X17 FUEL ASSEMBLY
REMARKS: SUPERSEDES OCT 22, 1975 INTERIM ACCEPTANCE & INCLUDES APPD A-E WITHHOLDING APPROVED 8/24/77
-----
RI SYM: WCAP-8282 (P), WCAP-8110 (NP)  SUBMIT DATE: 03-18-74   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 04-29-75
TAC #: 03874
TITLE: ICE CONDENSER FULL SCALE SECTION TEST AT WALTZ MILL FACILITY, (INCLUDING ADD. 1)
REMARKS: WCAP-8110 SUPPL. 6 & 7 ARE NP VERSIONS; RECOMMEND USE OF NEW H CORRELATION AND HIGH DRAIN TEMPERATURES
-----
RI SYM: WCAP-8289 (P), WCAP-8290 (NP)  SUBMIT DATE: 11-18-74   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 05-12-75
TAC #: 01304
TITLE: 17X17 DESIGN FUEL ROD BEHAVIOR DURING SIMULATED LOSS OF COOLANT ACCIDENT CONDITIONS (INCLUDING ADDENDUM 1)
REMARKS: ACCEPTED FOR CALCULATION OF SINGLE FUEL ROD BEHAVIOR; NOT ACCEPTED FOR MULTIPLE ROD BEHAVIOR
-----
RI SYM: WCAP-8291 (NP)                SUBMIT DATE: 06-07-74   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 01-15-75
TAC #: 01069
TITLE: REVIEW OF SELECT MATERIAL PROPERTIES FOR REACTOR VESSELS RELATIVE TO 10 CFR PART 50, APPENDIX G
REMARKS: SAR TO INCLUDE TOUGHNESS TEST RESULTS AND HAZ SPECIMENS FOR SURVEILLANCE
-----
RI SYM: WCAP-8296 (P), WCAP-8297 (NP)  SUBMIT DATE: 04-03-74   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 12-31-74
TAC #: 00901
TITLE: EFFECT OF 17X17 FUEL ASSEMBLY GEOMETRY ON DNB
REMARKS: INTERIM EVALUATION 10/22/75 ACCEPTS DESIGN; REC'D IRRADIATED FUEL SURV. RESULTS 1/18/79; WITHHOLDING APPROVED 8/24/77.
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RI SYM: WCAP-8298 (P), WCAP-8299 (NP)  SUBMIT DATE: 04-01-74   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 11-21-74
TAC #: 00903
TITLE: EFFECT OF 17X17 FUEL ASSEMBLY GEOMETRY ON INTERCHANNEL THERMAL MIXING
REMARKS: APPROVED REPORTS 1/28/75; RECOMMEND USE OF TDC=0.038 INSTEAD OF 0.051; WITHHOLDING APPROVED 8/24/77
-----
RI SYM: WCAP-8301 (P), WCAP-8305 (NP)  SUBMIT DATE: 07-15-74   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 05-30-75
TAC #: 01268
TITLE: LOCTA-IV PROGRAM: LOSS OF COOLANT TRANSIENT ANALYSIS
REMARKS: PART OF WESTINGHOUSE ECCS MODEL; WITHHOLDING APPVD 9/7/77
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RI SYM: WCAP-8339 (NP)          SUBMIT DATE: 07-11-74   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 05-30-75
TAC #: 01269
TITLE: WESTINGHOUSE EMERGENCY CORE COOLING SYSTEM EVALUATION MODEL-SUMMARY
REMARKS: PART OF WESTINGHOUSE ECCS MODEL
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RI SYM: WCAP-8340 (P), WCAP-8356 (NP)   SUBMIT DATE: 08-06-74   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 05-30-75
TAC #: 01262
TITLE: WESTINGHOUSE EMERGENCY CORE COOLING SYSTEM - PLANT SENSITIVITY STUDIES
REMARKS: PART OF WESTINGHOUSE ECCS MODEL; WITHHOLDING APPVD 9/7/77
-----
RI SYM: WCAP-8341 (P), WCAP-8342 (NP)   SUBMIT DATE: 07-12-74   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 05-30-75
TAC #: 01270
TITLE: WESTINGHOUSE EMERGENCY CORE COOLING SYSTEM EVALUATION MODEL - SENSITIVITY STUDIES
REMARKS: PART OF WESTINGHOUSE ECCS MODEL; WITHHOLDING APPVD 9/7/77
-----
RI SYM: WCAP-8346 (NP)          SUBMIT DATE: 05-31-74   CONCLUSION: WITHDRAWN   LETTER TO IND ORG: 01-09-76
TAC #: 01197
TITLE: AN EVALUATION OF FUEL ROD BOWING
REMARKS: INTERIM EVALUATION SENT TO WESTINGHOUSE ON 03-21-75; REPORT REPLACED BY WCAP-8691
-----
RI SYM: WCAP-8349 (P), WCAP-8388 (NP)   SUBMIT DATE: 03-11-75   CONCLUSION: WITHDRAWN   LETTER TO IND ORG: 11-09-77
TAC #: 01483
TITLE: PERFORMANCE CHARACTERISTICS OF MIXED PU02-U02 FUELS IN PRESSURIZED WATER REACTORS
REMARKS: USE NOT LIKELY IN NEAR FUTURE
-----
RI SYM: WCAP-8354 (P), WCAP-8355 (NP)   SUBMIT DATE: 07-03-74   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 05-03-78
TAC #: 01115
TITLE: LONG TERM ICE CONDENSER CONTAINMENT CODE - LOTIC CODE FOR SLB
REMARKS: APPVD RPTS FOR LOCA RECD 4/27/76; APPVD RPTS FOR SLB RECD 7/31/79; WITHHOLDING APPVD 10/11/77, 2/14/78.
-----
RI SYM: WCAP-8358 (P), WCAP-8265 (NP)   SUBMIT DATE: 09-27-74   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 04-08-76
TAC #: 01266
TITLE: WESTINGHOUSE MASS AND ENERGY RELEASE DATA FOR 3800 MWT NSSS CONTAINMENT DESIGN
REMARKS: SAR MUST SHOW APPLICABILITY OF INDIVIDUAL PLANT CRITICAL BREAK SIZE AND LOCATION AND PEAK PRESSURE
-----
RI SYM: WCAP-8359 (NP)          SUBMIT DATE: 08-06-74   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 05-30-75
TAC #: 01113
TITLE: EFFECTS OF FUEL DENSIFICATION POWER SPIKES ON CLAD THERMAL TRANSIENTS
REMARKS: ACCEPTED FOR USE ON ECCS MODEL; WITHHOLDING APPVD 9/7/77.
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RI SYM: WCAP-8366 (P), WCAP-8367 (NP)                      SUBMIT DATE: 08-01-74      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 03-24-76  
TAC #: 01263  
TITLE: AIR TEST PROGRAM TO ESTABLISH THE COMPLETE PUMP CHARACTERISTICS OF WEMD93A MODEL RCP  
REMARKS: WITHHOLDING APPVD 10/27/77

RI SYM: WCAP-8370 (NP)                                      SUBMIT DATE: 07-26-74      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 10-16-79  
TAC #: 09003  
TITLE: QUALITY ASSURANCE PLAN - WESTINGHOUSE WATER REACTOR DIVISIONS, REV. 9A  
REMARKS:

RI SYM: WCAP-8373 (NP)  
TITLE: QUALIFICATION OF WESTINGHOUSE SEISMIC TESTING PROCEDURE FOR ELECTRICAL EQUIPMENT TESTED PRIOR TO MAY 1974

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. CURRY	MEB SSPB	HOU BERGGREN	SXH JXB	01111	08-29-74				08-26-76

REMARKS: MEB REVIEW COMPLETED 8/26/76

RI SYM: WCAP-8377 (P), WCAP-8381 (NP)                      SUBMIT DATE: 08-14-74      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 02-14-75  
TAC #: 01112  
TITLE: REVISED CLAD FLATTENING MODEL  
REMARKS: WITHHOLDING APPVD 10/27/77

RI SYM: WCAP-8385 (P), WCAP-8403 (NP)                      SUBMIT DATE: 10-09-74      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 01-31-78  
TAC #: 01305  
TITLE: POWER DISTRIBUTION CONTROL AND LOAD FOLLOWING PROCEDURES  
REMARKS: APPVD RPT DUE 4/30/78; FOR 3-LOOP & 4-LOOP WITH CORE FLUX PE = 2.32 PROVIDED TECH SPEC INCLUDE ALARMS

RI SYM: WCAP-8400 (P), WCAP-8432 (NP)  
TITLE: ECCS HEAT TRANSFER EXPERIMENTS WITH UPPER HEAD INJECTION, VOL. I & VOL II.

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. CURRY	ASB	WAGNER	NHW	01509	03-21-75				06-12-81

REMARKS: REVIEWED WITH WCAP-8479. SER COMPLETED 3/29/78; RECEIVED REV. 2, ADD. 1 OCT. 15, 1979.

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RI SYM: WCAP-8404 (NP)

TITLE: ANTICIPATED TRANSIENT WITHOUT TRIP ANALYSIS FOR WESTINGHOUSE PWRs WITH 44 SERIES STEAM GENERATORS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. CURRY	SSPB	BERGGREN	JXB	01479	11-00-74				

REMARKS: PERTAINS TO CLASS 2 PLANTS. STATUS RPT ISSUED APRIL 1978. REVIEW DEFERRED UNTIL COMPLETION OF GENERIC TASK A-9.

RI SYM: WCAP-8420 (NP) SUBMIT DATE: 10-14-74 CONCLUSION: WITHDRAWN LETTER TO IND ORG: 01-19-76  
TAC #: 01291

TITLE: ANTICIPATED TRANSIENT WITHOUT TRIP ANALYSIS FOR 2-LOOP WESTINGHOUSE PWR WITH MODEL D STEAM GENERATORS & 16X16 FUEL ARRAY

REMARKS: NOT A TOPICAL REPORT; REVIEWED AS PART OF THE NORTH COAST APPLICATION

RI SYM: WCAP-8424 (NP)

TITLE: AN EVALUATION OF LOSS OF FLOW ACCIDENTS CAUSED BY POWER SYSTEM FREQUENCY TRANSIENTS IN WESTINGHOUSE PWRs, REV. 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. CURRY	SSPB PS	BERGGREN LAZEVNICK	JXB JHL	01717	06-02-75				

REMARKS: ADD'L INFO RECEIVED 2/17/76; REVIEWED WITH GENERIC TASK A-35

RI SYM: WCAP-8446 (P), WCAP-8449 (NP) SUBMIT DATE: 01-23-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 02-24-76  
TAC #: 01496

TITLE: 17 X 17 DRIVE LINE COMPONENTS TESTS-PHASE 1B, II, III D-LOOP DROP AND DEFLECTION

REMARKS: SAR TO INCLUDE PRESERVICE AND INSERVICE SURVEILLANCE TESTS; WITHHOLDING APPVD 10/27/77

RI SYM: WCAP-8447 (P), WCAP-8448 (NP) SUBMIT DATE: 12-00-74 CONCLUSION: ACCEPTED LETTER TO IND ORG: 09-02-77  
TAC #: 01409

TITLE: ROTO-LOK CLOSURE SYSTEM DEVELOPMENT

REMARKS: LIMITED TO PEAK PRESSURE OF 2800 PSIG; SUBJECT TO REV. OF FINAL DESIGN OF S. TEXAS PLANT; WITHHOLDING DENIED 10/20/77.

RI SYM: WCAP-8453 (P), WCAP-8454 (NP) SUBMIT DATE: 01-09-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 07-09-75  
TAC #: 01388

TITLE: ANALYSIS OF DATA FROM THE ZION (UNIT 1) THINC VERIFICATION TEST

REMARKS: APPVD RPT WCAP-8453-A (5/10/76)(NP); LIMITED TO SUBCOOLED EXIT CONDITIONS; WITHHOLDING DENIED 10/20/77



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RI SYM: WCAP-8471 (P), WCAP-8472 (NP)      SUBMIT DATE: 04-16-74      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 05-30-75  
TAC #: 01561  
TITLE: THE WESTINGHOUSE ECCS EVALUATION MODEL - SUPPLEMENTARY INFORMATION

REMARKS: APPVD REPORTS 6/24/75; ECCS MODEL FOR REFLOOD RATES LESS THAN 1 FOOT PER SECOND; WITHHOLDING APPVD 9/7/77

RI SYM: WCAP-8479 (P), WCAP-8480 (NP)

TITLE: WESTINGHOUSE EMERGENCY CORE COOLING SYSTEM EVALUATION MODEL APPLICATION TO PLANTS EQUIPPED WITH UPPER HEAD INJECTION

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. CURRY	RSB SSPB	LAUBEN BERGGREN	NGL JXB	01480	03-08-75				

REMARKS: REVIEWED WITH WCAP-8400, 8582, 8793. SER COMPLETED 3/29/78; REC'D REV. 2, ADD. 1 OCTOBER 15, 1979.

RI SYM: WCAP-8498 (NP)

TITLE: INCORE POWER DISTRIBUTION DETERMINATION IN WESTINGHOUSE PRESSURIZED WATER REACTORS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L L KINTNER	CPB SSPB	RICHINGS BERGGREN	HJR JXB	552	07-22-75				

REMARKS: REVIEW WITH WCAP-7308-L

RI SYM: WCAP-8510 (NP)

TITLE: METHOD FOR FRACTURE MECHANICS ANALYSIS OF NUCLEAR REACTORS UNDER SEVERE THERMAL TRANSIENTS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	KINTNER	MTEB SSPB	BHATT BERGGREN	SJB JXB	04246	09-03-76				

REMARKS: REVIEW DEFERRED UNTIL GENERIC WORK TASK A-11 IS COMPLETED.

RI SYM: WCAP-8516 (P), WCAP-8517 (NP)      SUBMIT DATE: 04-22-75      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 10-31-75  
TAC #: 01705  
TITLE: UHI PLANT INTERNALS VIBRATION MEASUREMENT AND PROGRAM AND PRE AND POST HOT FUNCTIONAL EXAMINATIONS

REMARKS: WITHHOLDING APPROVED 9/14/77

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RI SYM: WCAP-8529 (P), WCAP-8531 (NP)      SUBMIT DATE: 06-09-75      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 08-15-75  
TAC #: 03887  
TITLE: POWER RAMP DEMONSTRATIONS IN WESTINGHOUSE PWR'S  
REMARKS: WITHHOLDING APPROVED 8/24/77

RI SYM: WCAP-8536 (P), WCAP-8537 (NP)      SUBMIT DATE: 06-16-75      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 02-11-77  
TAC #: 01716  
TITLE: CRITICAL HEAT FLUX TESTING OF 17X17 FUEL ASSEMBLY GEOMETRY WITH 22-INCH SPACING.  
REMARKS:

RI SYM: WCAP-8565 (P), WCAP-8566 (NP)      SUBMIT DATE: 09-01-75      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 11-12-75  
TAC #: 01812  
TITLE: WESTINGHOUSE ECCS FOUR LOOP PLANT (17X17) SENSITIVITY STUDIES  
REMARKS: APPROVED REPORTS 4/1/76; APPLICABLE FOR POWER TO 3800 MWT, BOTTOM FLOODING, DRY CONTAINMENT; WITHHOLDING APPVD 8/24/77

RI SYM: WCAP-8567 (P), WCAP-8568 (NP)      SUBMIT DATE: 09-01-75      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 04-19-78  
TAC #: 01871  
TITLE: IMPROVED THERMAL DESIGN PROCEDURE  
REMARKS: WITHHOLDING APPVD BY STAFF LTR 4/17/78 & WEST. LTR 5/9/78; ACCEPTED SUBJECT TO CONDITIONS IN STAFF LTR DATED 4/19/78.

RI SYM: WCAP-8572 (P), WCAP-8573 (NP)      SUBMIT DATE: 09-01-75      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 11-07-75  
TAC #: 01811  
TITLE: WESTINGHOUSE ECCS THREE LOOP PLANT (17X17) SENSITIVITY STUDIES  
REMARKS: WITHHOLDING APPROVED 8/4/77

RI SYM: WCAP-8575 (P), WCAP-8576 (NP)  
TITLE: AUGMENTED STARTUP & CYCLE I PHYSICS PROGRAM (INCLUDING SUPPLEMENTS 1, 2 & 3)

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L. KINTNER	ADRS SSPB CPB CPB	DUNENFELD BERGGREN CHATTERTON LOIS	MSD JXB MSC LAL	01882	07-15-81			09-15-78	

REMARKS: REC'D SUPPL 3 TO PROPRIETARY & NON-PROP. DATED 6/81; SUPPL 3 REC'D 8/31/81; WITHHOLDING APPROVED 11/9/77

RI SYM: WCAP-8577 (NP)      SUBMIT DATE: 02-20-76      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 06-18-76  
TAC #: 03629  
TITLE: THE APPLICATION OF PREHEAT TEMPERATURES AFTER WELDING OF PRESSURE VESSEL STEELS  
REMARKS: ACCEPTABLE ALTERNATIVE FOR POSITION 2 OF REG GUIDE 1.50; POSITIONS 1,3 AND 4 STILL APPLICABLE

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RI SYM: WCAP-8582 (P), WCAP-8642 (NP)

TITLE: BLOWDOWN EXPERIMENTS WITH U.H.I. IN G-2 17X17 ROD ARRAY FACILITY, VOL I, TEST FACILITIES, PROCEDURES AND DATA

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
ADLR	J. CURRY	ASB SSPB	WAGNER BERGGREN	NHW JXB	03346	01-21-76				12-12-78

REMARKS: REVIEWED WITH WCAP-8479. SER COMPLETED 3/29/78; RECEIVED REV. 2, ADD 1 ON OCTOBER 15, 1979.

RI SYM: WCAP-8584 (P), WCAP-8760 (NP)

TITLE: FAILURE MODES AND EFFECTS ANALYSIS (FMEA) OF THE ENGINEERED SAFEGUARD FEATURES ACTUATION SYSTEM REV 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. CURRY	ICB SSPB	LI BERGGREN	HCL JXB	03953	05-03-76		07-01-83	02-15-78	

REMARKS: WITHHOLDING APPROVED 2/22/78; REV 1 SUBMITTED 3/20/80.

RI SYM: WCAP-8589 (P), WCAP-8599 (NP)      SUBMIT DATE: 09-19-75      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 02-11-77  
TAC #: 01923  
TITLE: AXIAL POWER DISTRIBUTION MONITORING SYSTEM

REMARKS:

RI SYM: WCAP-8622 (P), WCAP-8623 (NP)      SUBMIT DATE: 12-11-75      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 05-13-76  
TAC #: 03065  
TITLE: WESTINGHOUSE ECCS EVALUATION MODEL

REMARKS: 10/75 ECCS MODEL; APPLICABLE TO 16X16 AND 17X17 ARRAYS OF FUEL RODS; WITHHOLDING APPVD 11/3/77

RI SYM: WCAP-8624 (P), WCAP-8695 (NP)

TITLE: GENERAL METHOD OF DEVELOPING MULTIFREQUENCY BIAxIAL TEST INPUTS FOR BISTABLES

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
ADLR	J. CURRY	SSPB	BERGGREN	JXB	03359	02-17-76				

REMARKS: REVIEW WITH WCAP-8832(P); WITHHOLDING APPVD 4/18/78.





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RI SYM: WCAP-8687 (P), WCAP-8587 (NP)

TITLE: TR "METHODODOGY FOR QUALIFYING WESTINGHOUSE WRD SUPPL N555 SAFETY RELATED ELECTRICAL EQUIPMENT REV 5

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB EQB	BERGGREN KENNEDY	JXB JGK	43060	07-21-80				

REMARKS: REVIEW, COMMENT & PREPARE SER WCAP 8687 (P) IS PROPRIETARY SUPPLEMENT OF WCAP 8587

RI SYM: WCAP-8691 (P), WCAP-8692 (NP)

TITLE: FUEL ROD BOW EVALUATION, REV. 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	KINTNER	CPB RSB	PHILLIPS HODGES	LEP MWH	05307	10-09-81			06-12-81	

REMARKS: CPB POWERS DAP PARTIAL RESP RECD 10/9/81 COMPL RESP RECD 3/23/82 TO RFAI #1

RI SYM: WCAP-8691 (P), WCAP-8692 (NP)      SUBMIT DATE: 01-13-76      CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 06-19-78  
TAC #: 03335  
TITLE: FUEL ROD BOWING

REMARKS: WITHHOLDING APPROVED 2/21/79; REV. 1 TO WCAP-8691 SUBMITTED 9/4/79 SUPERCEDES THIS REPORT.

RI SYM: WCAP-8691 (P), WCAP-8692 (NP)

TITLE: FUEL ROD BOW EVALUATION, REV. 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	KINTNER	SSPB CPB	BERGGREN BALUKJIAN	JXB HYB	05307	10-09-81			06-12-81	

REMARKS: CPB POWERS DAP PARTIAL RESP RECD 10/9/81 COMPL RESP RECD 3/23/82 TO RFAI #1

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RI SYM: WCAP-8694 (P), WCAP-8655 (NP)

TITLE: SEISMIC QUALIFICATION OF THE ROTARY RELAY FOR USE IN THE SOLID STATE PROTECTION SYSTEM

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
ADLR	J. CURRY	SSPB	BERGGREN	JXB	03683	04-07-76				

REMARKS: WITHHOLDING APPROVED 4/18/78; MEB REVIEW COMPLETED 8/26/76

RI SYM: WCAP-8708 (P), WCAP-8709 (NP) SUBMIT DATE: 02-23-76 CONCLUSION: ACCEPTED LETTER TO IND ORG: 06-17-77  
TAC #: 03363  
TITLE: MULTIFLEX, A FORTRAN IV COMPUTER PROGRAM FOR ANALYZING THERMAL-HYDRAULIC-STRUCTURE SYSTEM DYNAMICS

REMARKS: RECD APPVD REPORTSSA DTD 9/16/77, SUPPLEMENTAL LTR DTD 10/3/77.

RI SYM: WCAP-8720 (P), WCAP-8785 (NP) SUBMIT DATE: 11-08-76 CONCLUSION: ACCEPTED LETTER TO IND ORG: 02-09-79  
TAC #: 04341  
TITLE: IMPROVED ANALYTICAL MODELS USED IN W FUEL ROD DESIGN COMPUTATIONS

REMARKS: REC'D ADDM 1, 10/22/79; APPRVD SOME CHGS 3/27/80; ADDENDUM #1 ACCPEYED 7/20/82

RI SYM: WCAP-8745 (P), WCAP-8746 (NP)

TITLE: DESIGN BASIS FOR THE THERMAL OVERPOWER DELTA T AND THERMAL OVERTEMPERATURE DELTA T TRIP FUNCTIONS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L. KINTNER	SSPB ADRS	BERGGREN DUNENFELD	JXB MSD	04551	03-31-77		09-30-81		

REMARKS: WITHHOLDING APPVD 11/9/77

RI SYM: WCAP-8754 (NP) SUBMIT DATE: 06-00-76 CONCLUSION: WITHDRAWN LETTER TO IND ORG: 02-16-79  
TAC #: 04261  
TITLE: TOPICAL REPORT-ENVIRONMENTAL QUALIFICATION OF CLASS IE MOTORS FOR NUCLEAR OUT-OF-CONTAINMENT USE

REMARKS: WITHDRAWAL REQUESTED PER WESTINGHOUSE LETTER DATED 1/29/79. ESED PER WEST. LETTER DATED 1/29/79.

RI SYM: WCAP-8762 (P), WCAP-8763 (NP) SUBMIT DATE: 10-01-76 CONCLUSION: ACCEPTED LETTER TO IND ORG: 04-19-78  
TAC #: 04340  
TITLE: NEW W CORRELATION WRB-1 FOR PREDICTING CRITICAL HEAT FLUX IN ROD BUNDLES WITH MIXING VANE GRIDS

REMARKS: WITHHOLDING APPVD 2/21/78; ACCEPTED MINIMUM DNBR OF 1.17 FOR 'R' GRID & 1.37 FOR 'L' GRID.

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RI SYM: WCAP-8766 (P), WCAP-8780 (NP)                      SUBMIT DATE: 05-21-76                      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 01-06-78  
TAC #: 04456  
TITLE: VERIFICATION OF NEUTRON PAD AND 17X17 GUIDE TUBE DESIGNS BY PREOPERATIONAL TESTS ON TROJAN 1 POWER PLANT

REMARKS: TROJAN 1 IS ACCEPTED AS A LIMITED VALID PROTOTYPE AS DEFINED IN REGULATORY GUIDE 1.20

RI SYM: WCAP-8793 (P), WCAP-8794 (NP)

TITLE: UHI ICE CONDENSER CONTAINMENT, G-2 REFILL HEAT TRANSFER TESTS AND ANALYSES

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	KINTNER	RSB SSPB	LAIBEN BERGGREN	NGL JXB	04478	09-01-76				

REMARKS: REVIEWED WITH WCAP-8479; SET COMPLETED 3/29/78; REC'D REV. 2, ADD 1 ON OCT. 15, 1979.

RI SYM: WCAP-8802 (NP)                                      SUBMIT DATE: 09-17-76                                      CONCLUSION: NOT ACCEPTED                                      LETTER TO IND ORG: 10-21-77  
TAC #: 04506  
TITLE: AUGMENTED INSERVICE INSPECTION OF PIPE WELDS AT REACTOR VESSEL NOZZLES

REMARKS: RECOMMENDED EVALUATION OF PIPE BREAK EFFECTS ON REACTOR VESSEL SUPPORTS

RI SYM: WCAP-8821 (P), WCAP-8859 (NP)

TITLE: TRANFLO STEAM GENERATOR CODE DESCRIPTION

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	KINTNER	CSB MEB SSPB CSB	TINKLER RAJAN BERGGREN LI	CGT JNR JXB CCL	04304	09-00-76			02-15-79	

REMARKS: RECD RESPONSE TO QUES 6 OF 11/29/78 RFAI COMPLETES RESPONSE



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RI SYM: WCAP-8822 (P), WCAP-8860 (NP)

TITLE: MASS AND ENERGY RELEASES FOLLOWING A STEAM LINE RUPTURE

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	KINTNER	CSB SSPB CSB	TINKLER BERGGREN LI	CGT JXB CCL	04303	09-00-76				

REMARKS: RECD RESPONSE TO QUEST 6 OF 11/29/78 RFAI COMPLETES RESP COMPLETES RESPONSE

RI SYM: WCAP-8828 (P), WCAP-8829 (NP)

TITLE: SEISMIC OPERABILITY DEMONSTRATION TESTING OF WESTINGHOUSE ISP 7300 SERIES PROCESS INSTRUMENTATION BISTABLES

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L. KINTNER	SSPB	BERGGREN	JXB	04449	12-02-76				

REMARKS: WITHHOLDING APPVD 11/7/77.

RI SYM: WCAP-8830 (P), WCAP-8831 (NP)

TITLE: SEISMIC OPERABILITY DEMONSTRATION TESTING OF NUCLEAR INSTRUMENTATION SYSTEM BISTABLE AMPLIFIER

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L. KINTNER	SSPB	BERGGREN	JXB	04421	11-29-76				

REMARKS: RECEIVED ADDL INFO DATED 11/22/77; WITHHOLDING APPVD 11/17/77.

RI SYM: WCAP-8832 (P), WCAP-8833 (NP)

TITLE: SEISMIC OPERABILITY DEMONSTRATION TESTING OF THE WESTINGHOUSE CID 7100 SERIES PROCESS INSTRUMENTATION SYSTEM BISTABLES

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L. KINTNER	SSPB	BERGGREN	JXB	04501	12-02-76				

REMARKS: WITHHOLDING APPVD 11/17/77.



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RI SYM: WCAP-8865 (NP)                      SUBMIT DATE: 10-26-76      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 04-01-77  
TAC #: 00296  
TITLE: WESTINGHOUSE ECCS-FOUR LOOP PLANT (17 X 17) SENSITIVITY STUDIES WITH UPPER HEAD FLUID TEMPERATURE AT T/HOT  
REMARKS: APPVD REPORTS RECD 5/6/77

RI SYM: WCAP-8892 (NP)                      SUBMIT DATE: 03-31-77      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 04-20-77  
TAC #: 04588  
TITLE: 7300 SERIES PROCESS CONTROL SYSTEM NOISE TESTS, REV. 2  
REMARKS: RECEIVED APPROVED REPORT WCAP-8892-A DATED JUNE 1977

RI SYM: WCAP-8897 (P), WCAP-8898 (NP)  
TITLE: BYPASS LOGIC FOR THE WESTINGHOUSE INTEGRATED PROTECTION SYSTEM

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L. L. KINTNER	SSPB	BERGGREN	JXB	04565	04-29-77				

REMARKS: ICB HAS LEAD. RECD ADDENDUM 1 DTD 11/17/77. PART OF RESAR-414 IPS R&D PROGRAM

RI SYM: WCAP-8899 (P), WCAP-8900 (NP)  
TITLE: WESTINGHOUSE MODEL 414 CONTROL SYSTEM SIGNAL SELECTION DEVICE

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L. L. KINTNER	SSPB	BERGGREN	JXB	04599	05-24-77				

REMARKS: WITHHOLDING APPVD 10/4/78; ADDL INFO REQUESTED 4/11/79 PER NUREG-0493.

RI SYM: WCAP-8914 (NP)                      SUBMIT DATE: 02-28-77      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 02-28-79  
TAC #: 04504  
TITLE: WESTINGHOUSE ECCS EVAL. MODEL FOR (N-1) LOOP OPERATION OF PLANTS WITH LOOP ISOLATION VALVES

REMARKS: APPVD REPT RECD 6/19/79; ACCEPTED FOR LARGE BREAKS USING (1) 2 OR MORE PIPE NODES & (2) WCAP-8341 FOR MOMENTUM FLUX.

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RI SYM: WCAP-8929 (NP)

TITLE: BENCHMARK PROBLEM SOLUTIONS EMPLOYED FOR VERIFICATION OF WECAN COMPUTER PROGRAM

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L L KINTNER	MEB SEB SSPB	HARTZMAN MA BERGGREN	MYH JKM JXB	04612	05-26-77				

REMARKS: REC'D SOLUTION TO BEACHMARK PROBLEMS 1,323 A & 4 TRACTED TO ORNL. REC'D ADD'L INFO 4/10/81

RI SYM: WCAP-8936 (P), WCAP-8937 (NP)

TITLE: ENVIRONMENTAL QUALIFICATION INSTRUMENT TRANSMITTER TEMP. TRANSIENT ANALYSIS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	KINTNER	SSPB	BERGGREN	JXB	04522	03-14-77				

REMARKS: REVIEW DEFERRED UNTIL COMPLETION OF GENERIC TASK A-21; "MAIN STEAMLIN LEAK INSIDE CONTAINMENT".

RI SYM: WCAP-8941 (P), WCAP-9194 (NP)

TITLE: SEISMIC QUALIFICATION OF ROTARY RELAY FOR USE IN TROJAN & DIABLO CANYON AUXILIARY SAFEGUARDS CABINETS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L L KINTNER	SSPB	BERGGREN	JXB	04717	10-25-77				

REMARKS:

RI SYM: WCAP-8963 (P), WCAP-8964 (NP)      SUBMIT DATE: 03-31-77      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 05-19-78

TAC #: 04613  
TITLE: SAFETY ANALYSIS FOR REVISED FUEL ROD INTERNAL PRESSURE DESIGN BASIS

REMARKS: APPROVED REPORTS 1/29/79.

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RI SYM: WCAP-9105 (P), WCAP-9106 (NP)      SUBMIT DATE: 07-21-77      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 03-30-78  
TAC #: 04649  
TITLE: AXIAL POWER DISTRIBUTION MONITORING USING FOUR-SECTION EX-CORE DETECTORS

REMARKS: WITHHOLDING APPVD 10/12/77; ACCEPTABLE FOR CALCULATION TECHNIQUE; UNCERTAINTY FACTOR REQUIRES JUSTIFICATION.

RI SYM: WCAP-9153 (P), WCAP-9154 (NP)

TITLE: RESAR 414 INTEGRATED PROTECTION SYSTEM PROTOTYPE VERIFICATION PROGRAM

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L L KINTNER	SSPB	BERGGREN	JXB	04687	09-12-77			01-01-80	

REMARKS: ICB HAS LEAD; REQUESTED ADDL INFO 4/11/79 PER NUREG-0493

RI SYM: WCAP-9157 (P), WCAP-9211 (NP)

TITLE: ENVIRONMENTAL QUALIFICATION OF SAFETY RELATED CLASS IE PROCESS INSTRUMENTATION

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	KINTNER	SSPB	BERGGREN	JXB	04784	12-16-77			01-30-80	

REMARKS: RECEIVED ADDITIONAL INFORMATION DATE FEBRUARY 14, 1980.

RI SYM: WCAP-9166 (P), WCAP-9167 (NP)

TITLE: WESTINGHOUSE ECCS MODEL FOR ANALYZING LARGE LOCAS DURING OPER. W/LOOP OUT OF SERV. FOR PLANTS WITHOUT LOOP ISOL. VALVES

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	KINTNER	SSPB RSB	BERGGREN GUTTMANN	JXB JZG	04878	03-06-78				

REMARKS: REC'D ADDL INFO DATED 11/01/78; WITHHOLDING APPVD 8/13/79.

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RI SYM: WCAP-9168 (P), WCAP-9150 (NP)

TITLE: WESTINGHOUSE ECCS EVALUATION MODEL--MODIFIED OCTOBER 1975 VERSION

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L L KINTNER	SSPB	BERGGREN	JXB	04702	09-27-77				

REMARKS: WITHHOLDING APPVD 12/21/77.

RI SYM: WCAP-9172 (P), WCAP-9264 (NP)

TITLE: N-16 TRANSIT TIME FLOW MEASUREMENT SYSTEM (TTFM) DESCRIPTION AND PERFORMANCE

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L KINTNER	SSPB CPB	BERGGREN HOLONICH	JXB JBH	04849	02-28-78		09-30-81		

REMARKS: AB HAS LEAD; WESTINGHOUSE LETTER DATED 6/22/78 REQUESTED WITHDRAWAL.

RI SYM: WCAP-9179 (P), WCAP-9224 (NP)

TITLE: PROPERTIES OF FUEL AND CORE COMPONENT MATERIALS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L L KINTNER	CPB CPB SSPB	POWERS TOKAR BERGGREN	DAP MXT JXB	04721	12-24-80			03-06-80	

REMARKS: RECD APPEND A&B TO BOTH WCAP 9179 & 9224 RECD ADDL INFORMATION DATED 3/31/80. WITHHOLDING APPROVED 2/8/79

RI SYM: WCAP-9180 (P), WCAP-9181 (NP)      SUBMIT DATE: 10-06-77      CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 08-09-78

TAC #: 04715

TITLE: CONSIDERATION OF UNCERTAINTIES IN SPECIFICATION OF CORE HOT CHANNEL FACTOR LIMITS

REMARKS: STAFF LETTER DATED 8/9/78 RECOMMENDED CONSIDERATION OF APPENDIX K RULE CHANGE.

RI SYM: WCAP-9190 (P), WCAP-9191 (NP)      SUBMIT DATE: 01-31-78      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 01-23-79

TAC #: 04812

TITLE: N-16 POWER MEASURING SYSTEM

REMARKS: ACCURACY OF PRODUCTION UNIT MUST BE ASSESSED FOR LEAD PLANT.



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RI SYM: WCAP-9198 (NF)

TITLE: REACTOR VESSEL HEAD DROP ANALYSIS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	KINTNER	ASB SSPB	PARR BERGGREN	ODP JXB	04884	01-23-78				07-17-81

REMARKS: ASB HAS LEAD

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RI SYM: WCAP-9217 (P), WCAP-9218 (NP)      SUBMIT DATE: 12-30-77      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 06-09-78

TAC #: 04785

TITLE: RESULTS OF THE CONTROL ROD WORTH PROGRAM

REMARKS: WITHHOLDING APPVD 2/28/78; 7% UNCERTAINTY ALLOWANCE ACCEPTABLE FOR AG-IN-CD RUDS ONLY.

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RI SYM: WCAP-9220 (P), WCAP-9221 (NP)      SUBMIT DATE: 03-03-78      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 08-29-78

TAC #: 04850

TITLE: WESTINGHOUSE ECCS EVALUATION MODEL FEBRUARY 1978 VERSION

REMARKS: TO BE UPDTD TO 1981 VERSION PER PROPOSAL NS TMA 2448 ACCEPTED 12/1/81 WITHHOLDING APPROVED 8/29/78

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RI SYM: WCAP-9220A (P), WCAP-9221A (NP)      SUBMIT DATE: 02-17-82      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 12-01-81

TAC #: 48006

TITLE: TR "WESTINGHOUSE ECCS EVALUATION MODEL 1981 VERSION REV 1"

REMARKS: DAT'D FEB 1982 INCORPORATES TR NS-TMA 2448 INTO ACCEPTED VERSION

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RI SYM: WCAP-9222 (P), WCAP-9223 (NP)

TITLE: WESTINGHOUSE EMERGENCY CORE COOLING SYSTEM SMALL BREAK FEB. 1978 EVALUATION MODEL

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	KINTNER	RSB SSPB	LAUBEN BERGGREN	NGL JXB	04851	03-10-78	03-15-79			

REMARKS: WITHHOLDING APPROVED 8/13/79.

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RI SYM: WCAP-9226 (P), WCAP-9227 (NP)

TITLE: REACTOR CORE RESPONSE TO EXCESSIVE SECONDARY STEAM RELEASES REV 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L. L. KINTNER	RSB	ORR	XFO	04814	02-01-78				
		CPB	TOKAR	MXT						
		CPB	BALUKJIAN	HYB						
		SSPB	BERGGREN	JXB						
		RSB	GUTTMANN	JZG						

REMARKS: AB HAS LEAD; WCAP-9226 REV 1 SUPERSEDES WCAP-9226; RECD ADDL INFO DATED 5/7/79; RECD RESPONSE DTD 7/30/80 TO RFAI

RI SYM: WCAP-9230 (P), WCAP-9231 (NP)

TITLE: REPORT ON THE CONSEQUENCES OF A POSTULATED MAIN FEEDLINE RUPTURE

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	KINTNER	RSB	ORR	XFO	04800	01-27-78				
		SSPB	BERGGREN	JXB						
		RSB	GUTTMANN	JZG						

REMARKS: AB HAS LEAD; QUESTIONS FROM LOIS 5/6/80 TRANSMITTED 5/8/80. REC'D RESP TO QUES 8/15/80

RI SYM: WCAP-922 (P), WCAP-9233 (NP)

TITLE: HIGH PRESSURE WATER HAMMER TEST PROGRAM FOR THE SPLIT FLOW PREHEAT STEAM GENERATOR

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L KINTNER	CMEB	BENAROYA	VXB	04839	02-27-78				01-02-80

REMARKS: ASB HAS LEAD; REC'D ADDL INFO DATED 3/30/78, 6/20/78, 9/28/78; REVIEW CONTRACTED TO BROOKHAVEN NAT'L LAB.

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INDUSTRY ORGANIZATION: WESTINGHOUSE

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RI SYM: WCAP-9236 (P), WCAP-9237 (NP)

TITLE: NOTRUMP - A NODAL TRANSIENT STEAM GENERATOR AND GENERAL NETWORK CODE

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	KINTNER	SSPB	BERGGREN	JXB	04842	02-15-78				

REMARKS:

RI SYM: WCAP-9272 (P), WCAP-9273 (NP)

TITLE: RELOAD SAFETY EVALUATION METHODOLOGY

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
ORB1	SCHWENCER	CPB ASB SSPB	MEYER LOBEL BERGGREN	ROM RML JXB	07456	03-22-78				05-16-80

REMARKS: ADDITIONAL INFO REC'D ON 1/17/79, 4/5/79.

RI SYM: WCAP-9279 (NP)

TITLE: COMBINATION OF SAFE SHUTDOWN EARTHQUAKE & LOSS-OF-COOLANT ACCIDENT RESPONSE FOR FAULTED CONDITION EVALUATION.

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L KINTNER	SSPB	BERGGREN	JXB	04857	03-21-78				

REMARKS: MEB HAS LEAD; REVIEW DEFERRED UNTIL COMPLETION OF GENERIC REVIEW BY DSSR (RESEARCH).

RI SYM: WCAP-9280 (P), WCAP-9281 (NP)

TITLE: WESTINGHOUSE ECCS MODEL FOR ANALYZING SMALL LOCAS DURING OPER. W/LOOP OUT OF SERV. FOR PLANTS WITHOUT LOOP ISOL. VALVES

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	KINTNER	RSB SSPB	GUTTMANN BERGGREN	JZG JXB	04879	03-10-78				

REMARKS: WITHHOLDING APPROVED 8/13/79

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RI SYM: WCAP-9283 (NP)

TITLE: INTEGRITY OF THE PRIMARY PIPING SYSTEMS OF WESTINGHOUSE NUCLEAR PLANTS DURING POSTULATED SEISMIC EVENTS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	KINTNER	MTEB SSPB	HAZELTON BERGGREN	WSH JXB	04883	03-21-78				

REMARKS: MTEB HAS LEAD.

RI SYM: WCAP-9289 (NP)

TITLE: INTEGRATED VESSEL HEAD PACKAGE FOR ONE-LIFT OPERATION

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	KINTNER	ASB SSPB	PARR BERGGREN	ODP JXB	04877	03-16-78				07-17-81

REMARKS:

RI SYM: WCAP-9292 (NP)

TITLE: DYNAMIC FRACTURE TOUGHNESS OF ASME SA508 CLASS 2A ASME SA533 GRADE A CLASS 2 BASE & HEAT AFFECTED ZONE AND WELD METAL

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	KINTNER	SSPB	BERGGREN	JXB	04882	03-17-78			07-25-79	

REMARKS: MTEB HAS LEAD; REC'D RESPONSE 9/18/80 TO NRC 7/25/79 REQ FOR INFO.

RI SYM: WCAP-9398 (NP)

TITLE: WESTINGHOUSE STEAM GENERATOR RETUBIND & REFURBISHMENT - TOPICAL REPORT

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
ORB1	NEIGHBORS	SSPB	BERGGREN	JXB	11430					

REMARKS:

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INDUSTRY ORGANIZATION: WESTINGHOUSE

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RI SYM: WCAP-9401 (P), WCAP-9402 (NP)      SUBMIT DATE: 03-02-81      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 05-07-81  
TAC #: 05176  
TITLE: VERIFICATION TESTING AND ANALYSES OF THE 17X17 OPTIMIZED FUEL ASSEMBLY

REMARKS: ACCEPTED VERSIONS DATED 8/00/81

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RI SYM: WCAP-9404 (P), WCAP-9405 (NP)      SUBMIT DATE: 07-11-79      CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 07-11-79  
TAC #: 05229  
TITLE: STUDY OF REACTOR VESSEL UPPER HEAD REGION FLUID TEMPERATURE

REMARKS: NOT FOR ACCEPTANCE FOR REFERENCING. SUBMITTED FOR INFORMATION IN RESPONSE TO NRC QUESTIONS

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RI SYM: WCAP-9485 (P), WCAP-9486 (NP)      SUBMIT DATE: 04-06-79      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 09-12-79  
TAC #: 05189  
TITLE: PALADON WESTINGHOUSE NODAL COMPUTER CODE

REMARKS: FEE PAID 2/5/80; APPROVED REPTS RECD 12/3/79; NOT QUALIFIED FOR POWER DISTRIBUTION NOR XENON TRANSIENTS

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RI SYM: WCAP-9485(P) (P), WCAP-9486(NP) (NP)  
TITLE: TR" PALADON- WESTINGHOUSE NODAL COMPUTER CODE" SUPPLEMENT 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	47441	12-01-81				

REMARKS:

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FI SYM: WCAP-9500 (NP)      SUBMIT DATE: 07-30-79      CONCLUSION: ACCEPTED      LETTER TO IND ORG: 05-22-81  
TAC #: 05254  
TITLE: WCAP-9500 REFERENCE CORE REPORT 17 X 17 OPTIMIZED FUEL ASSEMBLY

REMARKS: RESPONSES TO QUESTIONS ARE PROPRIETARY.

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RI SYM: WCAP-9500-A (NP)  
TITLE: TR "ACCEPTED WCAP 9500A - REFERENCE CORE REPORT" 17X17 OPTIMIZED FUEL ASSEMBLY"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB CPB	BERGGREN TOKAR	JXB MX1	47895	02-01-81				

REMARKS: ASSESS USABILITY OF ACCEPTED VERSION

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INDUSTRY ORGANIZATION: WESTINGHOUSE

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RI SYM: WCAP-9528 (P), WCAP-9529 (NP)

TITLE: ECCS EVALUATION MODEL FOR WESTINGHOUSE FUEL RELOADS OF COMBUSTION ENGINEERING NSSS, JUNE 79 VERSION

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	BERGGREN	RSB SSPB	LAUBEN BERGGREN	NGL JXB	05209	08-15-80			07-28-80	

REMARKS: REC'D RESPONSE TO 7/28/80 QUESTIONS ON 8/15/80

RI SYM: WCAP-9561(P) (P), WCAP-9561(NP) (NP)

TITLE: BART A1: A COMPUTER CODE FOR THE BEST ESTIMATE ANALYSIS OF REFLOOD TRANSIENTS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	BERGGREN	RSB SSPB CPB	LAUBEN BERGGREN SUN	NGL JXB SES	05425	01-15-80			07-15-82	

REMARKS: RECD RESPONSE TO REQ FOR ADDL INFO 8/15/80; RECD PARTIAL RESPONSE TO RFAI #1; RFAI #2; REC'D 5/17 SUBMITTAL

RI SYM: WCAP-9725 (P), WCAP-9726 (NP)

TITLE: TR-WESTINGHOUSE TECHNICAL SUPPORT COMPLEX

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	42328	06-13-80				

REMARKS: REVIEW, COMMENT, QUESTION & PREPARE SPER

RI SYM: WCAP-9739(P) (P), WCAP-9740 (NP)

TITLE: TR "SUMMARY OF THE WESTINGHOUSE INTEGRATED PROTECTION SYSTEM VERIFICATION & VALIDATION PROGRAM."

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	43854	09-16-80				

REMARKS: REVIEW, COMMENT & PREPARE SER

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INDUSTRY ORGANIZATION: WESTINGHOUSE

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RI SYM: WCAP-9753 (P), WCAP-9754 (NP)

TITLE: INADEQUATE CORE COOLING STUDIES OF SCENARIOS WITH FEEDWATER AVAILABLE USING THE NOTRUMP COMPUTER CODE

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB CPB	BERGGREN PHILLIPS	JXB LEP	42296	07-11-80				

REMARKS: REVIEW, COMMENT & PREPARE SPER WCAP 9744 SUPPORTS THIS REVIEW

RI SYM: WCAP-9762 (P), WCAP-9763 (NP)

TITLE: INADEQUATE CORE COOLING STUDIES OF SCENARIOS WITH FEEDWTR AVAILABLE FOR UHI PLANTS USING NOTRUMP CODES

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	43329	11-17-80				

REMARKS: REQUIRED BY TASK ACTION PLAN I.C 1 REVIEW, COMMENT, AND PREPARE SER

RI SYM: WCAP-9863 (P), WCAP-9864 (NP)

TITLE: TR "ROD BANK WORTH MEASUREMENTS UTILIZING BANK EXCHANGE" PART 2 (PARTS 1&3 TO COME LATER)

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB CPB	BERGGREN CHATTERTON	JXB MSC	43488	01-20-81	09-30-81			

REMARKS: REVIEW, COMMENT & PREPARE PARTIAL SER COVERING PART 2 OF RPT

RI SYM: WCAP-9944 (P), WCAP-9945 (NP)

TITLE: VERIFICATION OF UPPER HEAD INJECTION REACTOR VESSEL BY PREOPERATIONAL TESTS ON SEQUOYAH 1 POWER PLANT

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	47341	10-26-81				

REMARKS: REVIEW, COMMENT & PREPARE SER

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INDUSTRY ORGANIZATION: WESTINGHOUSE STEAM TURBINE-GENERATO

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RI SYM: WSTG-1 (P), WSTG-1 (NP)

TITLE: TR PROCEDURES FOR EST THE PROB OF STEAM TURB DISC RUPT FRM STRESS CORR CRACKING

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB MTED RRAB	BERGGREN SCHIFFGENS RUBINSTEIN	JXB JPS DJR	46502	06-10-81				

REMARKS:

RI SYM: WSTG-2 (P), WSTG-2 (NP)

TITLE: TR MISSILE ENERGY ANALYSIS METHODS FOR NUCLEAR STEAM TURBINES

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	46501	06-10-81				

REMARKS: REVIEW COMMENT & PREPARE SER



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INDUSTRY ORGANIZATION: YANKEE ATOMIC ELEC. CO.

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RI SYM: Y00AP-1 (NP)                      SUBMIT DATE: 03-01-82      CONCLUSION: ACCEPTED                      LETTER TO IND ORG: 05-24-82  
TAC #: 09025  
TITLE: YANKEE ATOMIC ELECTRIC CO -- OPERATION QUALITY ASSURANCE PROGRAM - REV 10

REMARKS:  
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<b>NRC FORM 335</b> (7 77)		<b>U.S. NUCLEAR REGULATORY COMMISSION</b> <b>BIBLIOGRAPHIC DATA SHEET</b>		1. REPORT NUMBER (Assigned by DDC) <b>NUREG-0390, Vol. 6, No. 1</b>	
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