

SEP 5 1984

The Honorable Louis Stokes  
United States House of Representatives  
Washington, DC 20515

Dear Congressman Stokes:

This responds to your letter dated August 7, 1984 requesting information about transcription of NRC hearings and meetings in regard to concerns of your constituent, Mr. Schlemmer, who referred to a June 19, 1984 meeting between NRC Staff and Cleveland Electric Illuminating Company (CEI) on the licensing of the Perry Nuclear Power Plant.

As a general matter, transcripts of all licensing hearings and Commission meetings are made and placed in the NRC's Public Document Rooms (PDR). In addition to the main PDR, located at 1717 H Street, N.W., Washington, D.C. 20555, a Local Public Document Room (LPDR) has been established for the Perry facility at Perry Public Library, 3753 Main Street, Perry, Ohio 44081. However, transcripts are not, as a routine matter, made of meetings between construction permit holders or license applicants, such as CEI, and the NRC Staff. There are occasions, such as the recent meetings between members of the "Transamerica Delaval Inc. Owners Group" and the Staff, when, because of the importance of certain meetings between licensees and/or applicants and the Staff, meetings have, in fact, been transcribed and the transcripts made available to the public. Routine transcription of all meetings between NRC Staff and license applicants, however, is not considered necessary or useful for the responsible conduct of NRC business.

It should be noted that the Commission has a policy that, as a general matter (and with limited exceptions), "all meetings conducted by the NRC technical staff as part of its review of a particular domestic license or permit application . . . will be open to attendance by all parties or petitioners for leave to intervene in the case." Statement of Policy, 43 Fed. Reg. 28058, June 28, 1978. (The full text of this statement is enclosed.) This policy applies to both activities of the Division of Licensing of the Office of Nuclear Reactor Regulation and the NRC regional offices when performing license review functions. Meetings involving inspection and enforcement activities, usually held in the regions, are not open to the public. This latter policy is considered appropriate in order to obtain frank discussion of the circumstances surrounding possible violations and to encourage voluntary corrective actions. However, summaries of these meetings are normally included in inspection reports, which are routinely made available to the public in the PDRs. Taping or other recording by members of the public of NRC meetings open to the public involving licensing review is permitted as long as such recording does not create disruption or interfere with the conduct of the meeting.

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PDR ADOCK 05000440  
A PDR

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Under NRC regulations (10 CFR § 2.102(a)), the NRC Staff may, in its licensing review, confer informally with any party to a licensing proceeding, including license applicants. At least one Atomic Safety and Licensing Board has ruled that the Staff may meet privately with any party to a licensing proceeding, including applicant, and has refused to require that such meetings be transcribed. Northeast Nuclear Energy Co. (Montague Nuclear Power Station, Units 1 and 2), LBP-75-19, 1 NRC 436, 437 (1975). There are, in fact, no specific legal requirements prescribing the manner in which NRC Staff-license applicant meetings are conducted or the method by which meeting results are to be memorialized. Rather, public attendance at NRC Staff meetings with license applicants and the memorialization of the meeting are matters of NRC Staff policy. As indicated above and in the attached Statement of NRC Staff Policy (43 Fed. Reg. 28058), it is general Staff policy to have NRC Staff-license applicant meetings open to the public and to memorialize such meetings through written meeting summaries prepared by the Staff (a copy of such a summary of the June 19, 1984 Staff-CEI meeting referred to by Mr. Schlemmer is enclosed).

I trust the foregoing explains NRC policy and practice in this regard.

Sincerely,

(Signed) William J. Dircks

William J. Dircks  
Executive Director for Operations

Enclosures: As stated

Distribution:

WJDircks OELD F/F (2)  
 EDO # 14749 EDO R/F  
 HDenton ~~SEC-147~~  
 RDeYoung  
 GCunningham  
 JKeppler, RIII  
 CWoodhead (2)  
 JGray  
 JLieberman  
 Central File  
 OCA to Ack  
 EChristenbury  
 JMurray  
 SECY-84-0843 (2)

*Handwritten notes:*  
 DEO 780  
 OCA 3142  
 9/5/84

OFC	:OELD	:OELD	:OELD	:OELD	:OELD	:NRR	:EDO
NAME	JWoodhead	JGray	JLieberman	EChristenbury	JMurray	HDenton	WDircks
DATE	:8/29/84	:8/29/84	:8/29/84	:8/30/84	:8/4/84	:8/29/84	:9/5/84

dictates that the program is expected to be fully operational by the end of February 1978 and that six of the highest priority (Category A), generic tasks are currently scheduled for completion in fiscal year 1978. One of the Category A tasks was completed in December 1977.

Interested persons may review the report at the NRC's Public Document Room, 1717 H Street NW., Washington, D.C. The report, designated NUREG-0410, may be purchased from the National Technical Information Service, Springfield, Va. 22161, at \$14.50 a copy on or about January 17, 1978.

43 FR 4294  
Published 2/1/78

#### CAMERA COVERAGE OF HEARINGS BEFORE ATOMIC SAFETY AND LICENSING BOARDS AND ATOMIC SAFETY AND LICENSING APPEAL BOARDS

##### General Statement of Policy

The Nuclear Regulatory Commission has considered requests from television stations and newspapers to permit the use of cameras during proceedings before Atomic Safety and Licensing Boards and Atomic Safety and Licensing Appeal Boards. In the past the NRC has permitted cameras to be used only before and after adjudicatory sessions and during recesses. The Commission has decided that, on a trial basis, it will permit the use of television and still cameras by accredited news media under certain conditions. Cameras may be used by news media during hearings and related public proceedings before Atomic Safety and Licensing Boards and Atomic Safety and Licensing Appeal Boards provided they do not require additional lighting beyond that required for the conduct of the proceeding and are stationed at a fixed position within the hearing room throughout the course of the proceeding. It will continue to be the practice of the hearing and appeal boards to use Federal or State court rooms when these facilities are available and in such cases the policy of those courts in regard to the use of cameras will be observed.

The Commission plans to reassess this policy in about six months after its hearing and appeal boards have had sufficient experience with camera coverage to determine whether it can be carried out without disruption to the proceeding or unacceptable distraction to the participants.

43 FR 28058  
Published 6/28/78

#### DOMESTIC LICENSE APPLICATIONS

##### Open Meetings and Statement of NRC Staff Policy

The Nuclear Regulatory Commission's (NRC's) regulations in 10 CFR 2.102 permit applicants to confer informally with the NRC technical staff during reviews of domestic license or permit applications. These meetings have served as an essential means for the exchange of technical information and views necessary for the technical review of applications. For several years other parties or potential parties to domestic licensing proceedings, as well as members of the general public, have, upon request, been permitted to attend applicant-NRC technical staff meetings as observers. However, the Commission's regulations do not require that others be permitted to attend such informal meetings between applicant and staff, and the general practice being followed in this regard has never been formally articulated. This statement is intended to provide such articulation. It is also noted that this matter is related to the provision for increased public participation which was approved by the Commission during its consideration of NUREG 0292 (Denton Report).

As a general matter, the Commission and staff try to involve concerned citizens in any Commission activity in which they have expressed an interest. All meetings conducted by the NRC technical staff as part of its review of a particular domestic license or permit application (including an application for an amendment to a license or permit) will be open to attendance by all parties or petitioners for leave to intervene in the case. These meetings are intended by the NRC technical staff to facilitate an exchange of information between the applicant and the staff. It is expected that the NRC technical staff and the applicant will actively participate in the meeting. Others may attend as observers. Likewise, when meetings are scheduled between the staff and other parties or petitioners, applicants would be permitted to attend only as observers.

The general policy of open meetings described above will admit of only a few exceptions, which must be approved by the Director of the relevant division. For example, some persons may not be permitted to attend meetings where classified or proprietary information (including sensitive safeguards information) is to be discussed. The NRC staff will prepare a written summary of the unclassified and non-proprietary portions of such meetings and forward the summary to interested persons unable to attend so that they will be informed of what transpired at the meeting. However, attendance will not be limited solely because preliminary opinions, recommendations, or advice will be offered

on the merits of the applications during the meeting.

When a party or petitioner for leave to intervene requests, reasonable efforts will be made by the NRC staff to inform the party or petitioner of forthcoming meetings conducted by the NRC technical staff so that appropriate arrangements for attendance can be made. It is recognized that in some cases the need for a prompt meeting may make it impossible or impracticable to notify all parties and petitioners. The policy described above also cannot practicably be applied to chance encounters between NRC technical staff personnel and other parties or petitioners but such chance encounters will not be permitted to serve as a source of information for the conduct of licensing reviews.

43 FR 38954  
Published 8/31/78

#### STATEMENT ON STANDARDIZATION OF NUCLEAR POWER PLANTS

The initial statement of the Atomic Energy Commission (AEC) on standardization of nuclear power plants was issued in April 1972. In March 1973, the AEC announced the staff's readiness to implement the standardization policy utilizing three distinct concepts; namely, the manufacturing license concept, the duplicate plant concept, and the reference system concept. In August 1974, the AEC announced that the replicate plant concept would be acceptable as a transitional step toward standardization. The AEC was abolished and its regulatory responsibilities assigned to the newly formed Nuclear Regulatory Commission (the Commission) on January 19, 1975. On June 29, 1977, the Commission issued a statement that reaffirmed its support of standardization and requested comments and suggestions on proposed new guidance developed by the staff and on other steps that the Commission might undertake to further encourage standardization. The statement, which was published in the FEDERAL REGISTER on July 5, 1977, also noted staff plans to use such comments and suggestions in its continuing study of standardization.

On the basis of its study, the staff has concluded that certain changes to the Commission's standardization program should be implemented, and that these changes can be implemented within existing regulations. The staff has further concluded that the program, as changed, will continue to allow applicants to utilize a variety of design options in ways that can avoid the development of significant adverse antitrust consequences. The Commission continues to recognize its responsibility to provide a standardization program that can be used effectively without contributing to such concerns.



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

AUG 20 1984

Docket Nos.: 50-440  
and 50-441

MEMORANDUM FOR: B. J. Youngblood, Chief, Licensing Branch No. 1, DL  
FROM: John J. Stefano, Project Manager, Licensing Branch  
No. 1, DL  
SUBJECT: SUMMARY REPORT OF MEETING WITH THE CLEVELAND ELECTRIC  
ILLUMINATING COMPANY (CEI) RE PERRY PLANT-SPECIFIC  
RESPONSES TO THE HYDROGEN CONTROL SER LICENSE  
CONDITION (5)

The meeting was held in Bethesda, Maryland on June 19, 1984, at the request of CEI, during which CEI briefed the NRC staff of its plans to address the hydrogen control issue specifically for Perry. This issue is identified as License Condition (5) in Section 1.11 of the Perry SER (NUREG-0887). The meeting was noticed in the PDR and the Perry docket by my memorandum to you dated June 11, 1984.

At the request of the Government Accountability Project (GAP), submitted by letter to H. R. Denton dated June 18, 1984, both the NRC and GAP tape recorded the meeting discussions. Due to the poor quality of the NRC tape, a fully complete transcript was not possible to reproduce. This report was delayed attempting to reproduce the transcript of the NRC tape without positive results. Therefore it was decided to issue this report, albeit late, in summary form. The Perry intervenor (OCRE) has been given a copy of the NRC tape. Enclosure (1) is a list of those who participated in the meeting. Enclosure (2) is a copy of the slide presentation made by CEI, copies of which were distributed to the meeting participants.

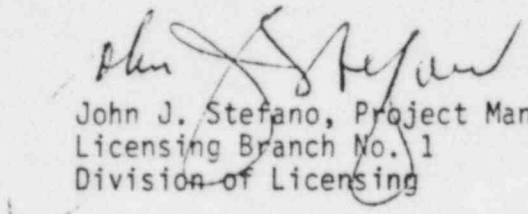
In summary, CEI briefed the NRC staff of its program plans for resolving the degraded core hydrogen control issue in order to support a full power operating license for Perry. Formal submittal of the program plan was subsequently submitted to the NRC by CEI letter dated July 19, 1984. The submittal includes a comprehension program updating earlier information submitted in response to FSAR Question 480.40, which was also discussed at this meeting. CEI indicated at the meeting that, due to the complete nature of the hydrogen control licensing issue, a significant amount of analysis, testing and design activities, requiring several diverse fields of expertise, will be required to assure an adequate resolution. A significant amount of work has been completed to date by CEI and the Hydrogen Control Owners Group (HCOG) to resolve the issue for Mark III containment design. CEI has and intends to remain an active member of the HCOG.

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The Program Plan submitted on July 19, 1984 provides a management guide to the program activities, completed, ongoing and planned to resolve the hydrogen control issue. It is aimed at addressing the significant issues raised by the NRC staff during its review of the Grand Gulf Nuclear Station hydrogen ignition system and the HCOG activities. The Perry hydrogen ignition system design is similar to that installed in Grand Gulf. The NRC staff has been given a copy of the Program Plan for review and comment.

  
John J. Stefano, Project Manager  
Licensing Branch No. 1  
Division of Licensing

Enclosures:  
As stated

cc: T. M. Novak

PERRY

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Vice President, Nuclear Group  
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U. S. Nuclear Regulatory Commission  
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U. S. Nuclear Regulatory Commission  
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John G. Cardinal, Esq.  
Prosecuting Attorney  
Ashtabula County Courthouse  
Jefferson, Ohio 44047

ENCLOSURE 1

CEI/NRC HYDROGEN CONTROL

MEETING

JUNE 19, 1984

LIST OF ATTENDEES

CEI

Larry Bedo  
Eileen Buzzelli  
Gerry Presby

CEI Consultant/TERA

John Richardson

NRC

Jack Kudrick, CSB/DSI  
Allan Notafrancisco, CSB/DSI  
Charles Tinkler, CSB/DSI  
\*\*Kris Parczewski, CHEB/DE  
Colleen Woodhead, ELD  
\*Bryon Siegel, Clinton Project Manager  
John Stefano, Perry Project Manager  
\*Paul Bochnert, ACRS  
M. Rushbrook, Licensing Assistant

Illinois Power Company (Clinton)

\*Steve Green  
\*Kathy Ann Baker

Government Accountability Project (GAP)

Donald L. Schlemmer

\*Interested party observers  
\*\*Part time

PNPP H<sub>2</sub> CONTROL  
NRC MEETING  
JUNE 19, 1984

- o INTRODUCTION
- o PNPP H<sub>2</sub> CONTROL PROGRAM OVERVIEW
- o PNPP H<sub>2</sub> CONTROL LICENSING APPROACH
- o NRC FSAR QUESTIONS
  - PROPOSED RESPONSE/APPROACH
- o HCOG ACTIVITIES SUPPORTING PNPP H<sub>2</sub> CONTROL PROGRAM
  - CEI PARTICIPATION AND APPLICABILITY OF ACTIVITIES
  - NRC REQUESTS FOR ADDITIONAL INFORMATION
- o PREVIOUS NRC H<sub>2</sub> CONTROL ISSUES APPLICABLE TO PNPP
  - GGNS SER CONCLUSIONS/ISSUES
- o PERRY H<sub>2</sub> CONTROL PROGRAM SCHEDULE
- o NRC COMMENTS
- o SUMMARY



PNPP H<sub>2</sub> CONTROL  
PROGRAM PLAN

- o SELECTION OF HYDROGEN CONTROL SYSTEM
  - REVIEW OF STUDIES ON CANDIDATE SYSTEM
  - SELECTION OF HYDROGEN IGNITION SYSTEM (HIS)
  
- o DESIGN OF HIS
  - ESTABLISH DESIGN CRITERIA
  - DESIGN HIS AND QUALIFY IGNITER
  - DEVELOP TECHNICAL SPECIFICATIONS
  - PERFORM PREOPERATIONAL TESTS
  
- o CONTAINMENT ULTIMATE CAPACITY ANALYSIS
  - PERFORM CONTAINMENT ULTIMATE CAPACITY ANALYSIS
  - EVALUATE POTENTIAL FOR NEGATIVE PRESSURE, AND LOCAL DETONATIONS
  
- o CONTAINMENT RESPONSE ANALYSIS
  - SELECT CONTAINMENT RESPONSE CODE TO ANALYZE HYDROGEN DEFLAGRATION
  - PERFORM CONTAINMENT RESPONSE ANALYSIS
  
- o DEVELOP MECHANISTIC SCENARIOS AND HYDROGEN RELEASE RATES
  - SELECT A DEGRADED CORE MODEL
  - DEFINE INPUT PARAMETERS, CRITERIA AND LIMITS, AND ACCIDENT SEQUENCES
  - GENERATE H<sub>2</sub> RELEASE HISTORIES

PNPP H<sub>2</sub> CONTROL  
PROGRAM PLAN (CONT.)

- o EQUIPMENT SURVIVABILITY ANALYSIS
  - IDENTIFY SAFETY EQUIPMENT REQUIRED FOR HGE
  - DEFINE BASE CASE TEMPERATURE AND PRESSURES (CLASIX-3 AND 1/4 SCALE)
  - SELECT A HEAT TRANSFER CODE AND DEMONSTRATE EQUIPMENT RESPONSE WITHIN ACCEPTABLE LIMITS
  
- o HYDROGEN COMBUSTION TESTING
  - DEFINE 1/4 SCALE TEST OBJECTIVES AND DEVELOP TEST MATRIX
  - CONDUCT 1/4 SCALE TEST
  - DEVELOP FULL SCALE THERMAL PROFILES
  
- o RESOLVE NRC LICENSING ISSUES
  - REVIEW PREVIOUS ISSUES FOR PNPP APPLICABILITY
  - IDENTIFY GGNS SER OPEN ISSUES OR CONCLUSIONS APPLICABLE TO PNPP
  - PARTICIPATE IN HCOG RESOLUTION OF GENERIC ISSUES
  - SUBMIT NECESSARY DOCUMENTATION FOR NRC APPROVAL
  
- o DEVELOP EMERGENCY PROCEDURES FOR COMBUSTIBLE GAS
  - HCOG SUPPORT OF BWROG-EPC TO FINALIZE A GUIDELINE
  - DEVELOP PNPP SPECIFIC PROCEDURES
  - CONDUCT OPERATOR TRAINING

PNPP H<sub>2</sub> CONTROL PROGRAM  
LICENSING APPROACH

- o RESPONSE TO NRC FSAR QUESTIONS
  - DESIGN DESCRIPTION
  - CONTAINMENT ULTIMATE CAPACITY ANALYSIS
  - CONTAINMENT RESPONSE ANALYSIS
  - EMERGENCY PROCEDURE GUIDELINES
  
- o REVIEW PREVIOUS GGNS RAIS/ISSUES FOR APPLICABILITY TO PNPP
  - IDENTIFY ANY OUTSTANDING ISSUES APPLICABLE TO PNPP AND INCORPORATE INTO PNPP H<sub>2</sub> CONTROL PROGRAM
  
- o REVIEW GGNS SER AND SUPPLEMENTS FOR APPLICABILITY OF CONCLUSIONS/ISSUES TO PNPP
  - INCORPORATE OPEN ISSUES INTO PNPP H<sub>2</sub> CONTROL PROGRAM
  - SUBMIT A REPORT WITH APPROPRIATE JUSTIFICATION ON THE APPLICABILITY TO PNPP OF THE TECHNICAL BASIS AND CONCLUSIONS FOR GGNS INTERIM HIS APPROVAL
  
- o REVIEW PREVIOUS HCOG RAIS/ISSUES FOR APPLICABILITY TO PNPP
  - ENDORSE APPLICABLE RESPONSES WITH APPROPRIATE JUSTIFICATION
  - SUBMIT PNPP SPECIFIC RESPONSES AS NECESSARY
  
- o FINAL EQUIPMENT SURVIVABILITY ANALYSIS BASED UPON 1/4 SCALE TEST RESULTS

PNPP H<sub>2</sub> CONTROL PROGRAM  
GGNS SER APPLICABILITY TO PNPP

- o HIS SYSTEM DESCRIPTION
  - PNPP DESIGN CRITERIA CONSISTENT WITH GGNS
  - SAME IGNITER ASSEMBLY
  - PNPP PRE-OP AND SURVEILLANCE TESTING BASES CONSISTENT WITH GGNS
  - PEI BASED UPON BWROG EPG WILL RESOLVE ISSUES ON OPERATOR ACTION FOR COMBUSTIBLE GAS CONTROL
  
- o TESTING OF THE HIS
  - PNPP OPERABILITY TESTING PROGRAM CONSISTENT WITH GGNS
  - PNPP EQUIPMENT QUALIFICATION ENVELOPES COMPARED AGAINST HIS QUALIFICATION
  - HYDROGEN COMBUSTION TESTING PERFORMED BY HCOG
  
- o CONTAINMENT STRUCTURAL CAPACITY
  - CONTAINMENT ULTIMATE CAPACITY ANALYSIS PERFORMED WITH COMPARABLE MARGINS AS GGNS
  - DRYWELL DESIGN VERY SIMILAR TO GGNS AND THEREFORE SAME LEVEL OF MARGIN ABOVE DESIGN
  
- o DEGRADED CORE ACCIDENTS AND HYDROGEN GENERATION
  - LIKE GGNS, PNPP EVALUATED TWO BASE CASE SCENARIOS (SBLOCA AND SORV)
  - CONSERVATIVE GGNS RELEASE HISTORIES USED FOR INITIAL PNPP ANALYSIS

PNPP H<sub>2</sub> CONTROL PROGRAM  
GGNS SER APPLICABILITY TO PNPP (CONT.)

o CONTAINMENT ANALYSIS

- PNPP USED CLASIX-3 FOR BASE CASE ANALYSIS
- INPUT AND MODELING ASSUMPTIONS CONSISTENT WITH GGNS
- CLASIX-3 SENSITIVITY STUDIES SUBMITTED BY HCOG
- DYNAMIC POOL LOADS FOR BASE CASE HYDROGEN COMBUSTION BOUNDED BY DESIGN BASIS
- DISTRIBUTED IGNITION SYSTEM PRECLUDES LOCAL DETONATION

o EQUIPMENT SURVIVABILITY

- HEAT TRANSFER CODES AND METHODOLOGY CONSISTENT WITH GGNS
- REQUIRED EQUIPMENT SIMILAR TO GGNS
- DEFINITION OF BASE CASE TEMPERATURES AND PRESSURES CONSISTENT WITH GGNS (CLASIX-3 AND 1/4 SCALE TEST RESULTS)

PNPP H<sub>2</sub> CONTROL PROGRAM  
HCOG ACTIVITIES

- o CEI ACTIVE MEMBER OF HCOG
- o HCOG ACTIVITIES AND GENERIC RESOLUTION OF ISSUES REQUIRE CEI ENDORSEMENT FOR PNPP APPLICABILITY
- o HCOG RESPONSE TO NRC RAIS
  - GENERALLY APPLICABLE TO PNPP AND CEI WILL ENDORSE WITH SOME MINOR CLARIFICATIONS
  - FIRST SET OF HCOG RAIS (HGN-011):
    - DEALT PRIMARILY WITH CONTAINMENT RESPONSE ANALYSIS (CLASIX-3 SENSITIVITY STUDIES) AND EMERGENCY PROCEDURES
    - CEI WILL ENDORSE HCOG RESPONSES EXCEPT QUESTION 10 DEALING WITH EMERGENCY PROCEDURE GUIDELINES
    - CEI WILL PROVIDE PNPP SPECIFIC RESPONSE FOR QUESTIONS 8, 9, and 10
  - SECOND SET OF HCOG RAIS (HGN-016):
    - DEALT PRIMARILY WITH 1/4 SCALE TEST OBJECTIVES AND TESTING METHODS
    - CEI WILL ENDORSE ALL HCOG RESPONSES INCLUDING PORTION OF CSB-11 WHICH IS APPLICABLE TO PNPP
  - HCOG RAIS APPLICABLE TO MP&L ONLY (AECM-84/0014) ARE EITHER NOT APPLICABLE TO PNPP OR WILL BE RESOLVED AS PART OF THE CEI PROGRAM PLAN BY SUBMITTAL OF THE PNPP EQUIPMENT SURVIVABILITY REPORT.
- o HCOG 1/4 SCALE TESTING
  - H<sub>2</sub> RELEASE HISTORIES
  - TEMPERATURE PROFILES FOR EQUIPMENT SURVIVABILITY ANALYSIS

# PNPP H<sub>2</sub> CONTROL LICENSING SCHEDULE

TASK	1984						1985										
	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
<u>CEI:</u>																	
1) PRELIMINARY NRC MEETING																	
2) CONTAINMENT ULTIMATE CAPACITY REPORT																	
3) CONTAINMENT RESPONSE ANALYSIS REPORT (CLASIX-3)																	
4) FSAR QUESTION RESPONSES																	
5) HCOG RAI ENDORSEMENT/RESPONSES																	
6) GGNS SER CONCLUSION/ISSUES																	
7) SUBMIT H <sub>2</sub> CONTROL FEIS																	
8) 1/A SCALE TESTING																	
8.1 MATRIX																	
8.2 TESTING																	
8.3 TEST DATA EVALUATION/ANALYSIS																	
9) EQUIPMENT SURVIVABILITY REPORT																	
9.1 DEFLAGRATION																	
9.2 DIFFUSION																	
10) NRC QUESTION RESPONSES																	
<u>NRC:</u>																	
1) 1/A SCALE TEST MATRIX APPROVAL																	
2) NRC QUESTIONS																	
3) NRC SSER																	

TASK 9.1

TASK 2-8.1