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ACRS - 2005
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ISSUE DATE 7/28/82

AUG 6 1982

PROPOSED MEETING MINUTES FOR THE
SUBCOMMITTEE MEETING ON THE
PERRY NUCLEAR POWER PLANT, UNITS 1 AND 2

JUNE 28-29, 1982 IN CLEVELAND, OHIO

The ACRS Subcommittee for the Perry Nuclear Power Plant, Units 1 and 2, met in Cleveland, Ohio at the Marriott Inn Airport on June 28 and 29, 1982. The purpose of this meeting was to continue the Subcommittee review on the Application of the Cleveland Electric Illuminating Company for the Perry Nuclear Power Plant, Units 1 and 2.

A copy of the notice for this meeting is included as Attachment A. A list of attendees is included as Attachment B. The schedule for this meeting is included as Attachment C, and the handouts for this meeting are included in the ACRS Files. Selected portions of the handouts are included as Attachment D. The meeting was begun at 1:30 p.m. on Jun 28, 1982 with a short executive session in which Mr. Ray, the Subcommittee Chairman, summarized the objectives of the meeting. The meeting was recessed at 5:50 p.m. and reconvened at 8:30 a.m. on June 29, 1982. The meeting was adjourned on June 29, 1982 at 3:30 p.m. All portions of this discussion were held in open discussion.

ACRS Members: J. Ray
R. Axtmann
J. Ebersole

ACRS Consultants: I. Catton
P. Davis
W. Lipinski

ACRS Staff: G. Quittschreiber*
A. Cappucci

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*The NRC Designated Federal Employee was G. Quittschreiber.

DESIGNATED ORIGINAL

Certified By Bfc

Principal NRC Staff: A. Schwencer, NRR
J. Stefano, NRR
C. Williams, I&E
J. Kudrick, NRR
D. Tondi, NRR
P. Shemanski, NRR

Principal CEI Staff: D. Davidson
M. Edelman
A. Silakowski
W. Coleman
R. Pender
E. Buzzelli
P. Nevins
R. Tadych
K. Matheny

Principal Members of the Public:

C. Kline, citizen
S. Hyatt, OCRE¹
A. Hubbard, North Shore Alert
B. Long, Western Reserve Alliance
R. Seljan, Ohio Sierra Club
T. Hill, Northern Ohio Sierra Club
G. Cook, CSEP²
E. Stebbins, CSEP²
S. Sass, Sunflower Alliance

Introductory Statement

Mr. Jeremiah J. Ray, Subcommittee Chairman, introduced the members and stated the purpose of the meeting. He pointed out that the meeting was being conducted in accordance with the provisions of the Federal Advisory Committee Act and the Government in the Sunshine Act.

Mr. Ray stated that the ACRS had received several written statements and requests for oral statements from members of the public at this time. He also stated that other members of the public who wished to make a statement should contact the Federal Designated Employee for scheduling.

^{1/} Ohio Citizens for Responsible Energy
^{2/} Coalition for Safety Electric Power

Introductory Statement/D. Davidson, CEI

Mr. Davidson gave a brief history of the construction of the Perry Nuclear Power Plant. He stated that all construction management functions have been performed by CEI since the beginning of construction. Dr. Axtmann questioned Kaiser's change in its construction management role since 1977 (QA restructuring by CEI). Mr. Davidson indicated that it had, but only in a small way, in terms of its responsibilities for construction. Mr. Davidson continued to present the overall management organization for the project.

Report by NRC Staff/J. Stefano, NRR and C. Williams, I&E (R III)

Mr. Stefano stated that there were 19 outstanding issues, 49 confirmatory items, 15 licensing condition of which 6 must be resolved prior to low power license issuance, and 6 issues which will be addressed in technical specifications.

Of the 19 open issues the Subcommittee discussed the following in some detail.

- (a) Equipment Qualification - Staff requested scheduling information for completion of applicant's program, the applicants program is also considered incomplete by the Staff and compliance with NUREG-0588 is in question. The Subcommittee expressed concerns about the qualification of solenoid valves for the ADS system. The Staff did not know status. Other concerns expressed were the seismic responses of certain panel mounted instrumentation above 33 hz, the qualification of equipment for off-normal environments such as fires and that created by fire fighting equipment (Staff says this is not in EQ scope), and the survivability of suppression pool equipment to accommodate a hydrogen burn.

- (b) Control Room Design - The Staff is presently reviewing the Perry Design Analysis including the human factors review. The Subcommittee questioned the Staff if the Remote Shutdown Panel was reviewed for human factors. The NRC Staff replied in the affirmative.
- (c) Recent MK III Issues (Humphrey Allegations) - The NRC Staff has asked the applicant to address these allegations and resolve them prior to fuel load (11/83).
- (d) Pool Dynamic Loads - Applicant must perform a plant specific analysis using Perry specific acceptance criteria for dynamic loads such as SRV discharge. Dr. Catton asked the staff if the criteria for Perry was different from that at Grand Gulf. The Staff indicated it was the same.
- (e) Containment Purge - Applicant desires to perform continuous purging of the containment using purge valves. The Staff is of the opinion that purging should be minimized. Mr. Davis asked the staff what the maximum purge time was. Mr. Kudrick said there was no number. The applicant was responsible for determining open times along with justification.
- (f) Control Room Fire Suppressent - The NRC Staff requires a halon system, the applicant has a CO₂ system installed. 2.0 Milion dollars to replace.

Dr. Lipinski expressed concern for the seismic qualification of the gypsum board walls around the battery room. The Staff could not reply, but the applicant would address this in their presentations.

Mr. Williams of I&E, Region III presented a history of the CEI stop work order as a result of the NRC 2/8/82 immediate action letter outlining significant deficiencies concerning field erection of safety related piping by CEI and Pullman products, installation of safety related piping by CEI and Pullman products, installation of safety-related concrete, and QA programs of contractors. He stated that these problems were solved by the applicant restructuring his QA/QC organization and Region III performing augmented inspections. Mr. Williams also indicated that CEI's overall QA program functions correctly and that QA issues were not as bad as in 1978. CEI has only taken action against one electrical contractor (specifics not given).

Statement by Ms. Connie Kline

Ms. Kline stated the ACRS Subcommittee meeting should have been held near the plant site and that asking citizens to bear the cost of reproduction was not reasonable. She pointed out a number of concerns with the emergency evacuation plan for Perry. These included notification of citizens within a ten mile radius, lack of feasible routes from the plant site, availability of an adequate number of school buses for evacuation of children and citizens without autos, available personnel to conduct the evacuation availability of ambulances, and the amount of time for the State Disaster Service Agency personnel to reach the plant site. Mr. Ray suggested that Ms. Kline express these concerns to FEMA. He also pointed out that the ACRS would make copies of statements for members of the public if the costs were too burdensome.

Presentations by the Cleveland Electric Illuminating CompanyOrganization and Management/Murray Edelman/Rom Farrell/John Waldron/Tom Silakowski

Mr. Edelman described the present site organization for the Perry Nuclear Power Plant, including the Training, Nuclear Engineering, Nuclear Construction, and Quality Assurance Organizations. He emphasized the point that CEI was managing the construction of the Perry Plant. He pointed out that the QA staff at Perry had increased from 50 to 190 personnel. The subcommittee was concerned as to how many were CEI personnel. The applicant stated that 68 were.

Mr. Farrell described the Nuclear Quality Assurance Department and its function at fuel load. Mr. Ray questioned Mr. Farrell as to the location of the Engineering Design Review function. Mr. Farrell explained that it was combined with other audit functions. Mr. Ray suggested that they be more explicit as to what is under audit.

The Subcommittee expressed concern with the total commercial nuclear operating experience the applicant would have at fuel load. Dr. Axtmann indicated that typical power plant personnel have over 200 years of commercial nuclear experience and the total of 48 years commercial nuclear experience possessed by the Perry Plant personnel was light. Eric Peterson of the NRC Staff indicated that they had the same concerns and had asked the applicant to augment the operating staff and management staff with additional personnel possessing BWR startup/operating experience for a period of one year after commercial operation.

The Subcommittee expressed concern that the training organization presented at the meeting was only interim (up to fuel load) and that it appeared to be buried in the Nuclear Services Section. Mr. Edelman of CEI explained that the purpose of the present organization was to provide site training and that training was the responsibility of the plant manager only until fuel load. He also indicated that Perry Operations personnel were receiving training at other BWRs. He mentioned La Salle, Grand Gulf, and Peach Bottom.

Mr. W. Coleman of CEI requested time to answer questions posed by the Subcommittee earlier.

- (a) Containment Purge - CEI wants to continuously purge to limit operational exposure (ALARA requirements); they will not use continuous purge to control temperature and humidity.
- (b) CO₂ Fire Control - The operator cannot initiate this system from the control room, it is on a timer. The Subcommittee was still concerned about seismic interaction in the control room (the CO₂ system is non-seismic). The NRC Staff and the applicant are scheduled to discuss this at their future meeting on this subject.
- (c) Design Change Reviews - Pat Nevins of CEI stated that CEI reviews and has reviewed design changes proposed by Gilbert (the AE).

PRA/System Interaction/Bill Coleman

Bill Coleman stated that CEI has commissioned three studies to further enhance CEI's PRA abilities. These include an already completed management action plan

which identifies PRA and system interaction requirements. CEI has currently underway a mini PRA based on the Grand Gulf RSSMAP study and a system interaction study to identify interaction between non-Class 1E control systems which could affect cold shutdown capability.

Selected Plant Systems/Rick Pender/Eileen Buzzelli/Pat Nevins/

Russ Tadych/Ken Metheny

The 5/8/82 Humphrey concerns with reference to Mississippi Power and Light have been reviewed by CEI to determine their applicability to the Perry Plant. These concerns cover 22 areas and 66 items. Out of the 66 items, 48 were considered applicable to Perry with the remaining 18 not applicable. This detailed review was started on June 18, 1982 and is still in progress. CEI plans to address these issues with the NRC Staff.

Mr. Buzzelli stated that CEI plans to use a hydrogen ignition system at the Perry Plant to control hydrogen similar to that used on Grand Gulf (GM Model 7G glow plugs). This design will be the result of industry and owner's group efforts. The glow plugs will be located around the suppression pool. Dr. Catton questioned CEI as to the survivability of these devices under pool swell. CEI indicated that this question was under study by testing.

The Perry Nuclear Power Plant has dedicated diesel generators to power the high pressure core spray system pumps. The applicant attempted to include these diesels in their estimation of overall AC system reliability (2.7×10^{-11} /reactor-yr for total loss of AC power.) See Attachment D. The Subcommittee questioned the validity of this analysis. Mr. Ray indicated that the probability of station

blackout was very low, but could still happen. The applicant indicated that they could supply power to the Perry Plant within 1 hour from their Eastlake Power Plant (Fossil). CEI further stated that the Perry Plant has first restoration priority for a blackout condition.

The D.C. system will also last for two hours. This brought questions from the subcommittee concerning adequate battery room ventilation from ordinary A/C ducts. A damper could be closed allowing high hydrogen concentrations. The Subcommittee stated that CEI was not prepared for battery room explosions. CEI agreed. The Subcommittee suggested CEI work on this problem.

Mr. R. Tadych discussed the operational instructions to be put into effect at Perry for the removal of decay heat. He explained the systems available for decay heat removal (DHR) including non-safety systems such as the main condenser and the ultimate heat sink. He also explained operator action and instruction associated with these systems.

Mr. Matheny stated that equipment qualification is still an open issue. The schedule for completion is as follows: Submittal of the revised FSAR by August 15, 1982, Submittal of the safety-related equipment list for harsh environments by September 1, 1982, and the NRC site audit on March 1, 1983. The Subcommittee questioned the applicant concerning qualifying equipment for off-normal environments such as fires or environments created by fire fighting equipment. CEI indicated they would investigate this question. Mr. Ebersole questioned the applicant concerning qualification of the feedwater isolation check valves for

slamming shut subsequent to a FW Line break. CEI Indicated they have FW line dampers to reduce the shock of the valves slamming shut because of reactor reverse flow. Apparently this design is unique to Perry. The Subcommittee also expressed concern for the qualification of electrical equipment beyond 33 hz. The applicant indicated that they looked at the high frequency resonances beyond 33 hz. Specifically the Subcommittee was concerned about relays and dampers. The applicant indicated he would look into this.

Statements by Members of the Public

J. Ray, the Subcommittee Chairman, allotted time for statements for members of the public. There were 9 statements at 5 minutes each. See the list of speakers on page 2 of these minutes. Comments expressing concerns relative to the Perry Plant are summarized below:

- ° Ms. Suzan Hyatt of OCRE expressed concerns relative to the vulnerability of nuclear plants to electromagnetic pulses generated by high altitude nuclear explosions. She also expressed concerns about the security and use of the emergency offsite facility (EOF).
- ° Ms. Amy Hubbard representing North Shore Alert expressed concerns relative to the reliance of the evacuation plan on volunteers.
- ° Ms. Betty Long representing the Western Reserve Alliance indicated, in her opinion, that the presently installed Dewatering System had never been tested and that the applicant was not addressing soil erosion adequately.
- ° Ms. Genevieve Cook of CSEP expressed concern with asbestos release from the Perry cooling towers.
- ° Ms. Evelyn Stebbins of CSEP suggested that the Perry evacuation plan be tested prior to fuel load.
- ° Mr. Steven Sass expressed concern with daily radiation leakages from the Perry Plant.

Emergency Planning/Steve Kensicki

The applicant stated that the emergency plan for the area surrounding the Plant was developed by PRC Voorhees at the expense of Lake County. CEI claims to have constant contact and coordination with the county and its consultants. The county also maintains contact with plant personnel responsible for coordination, the I&E Staff, and FEMA. There seemed to be extensive concern expressed by members of the public in this area.

Human Factors/Pat Nevins

The applicant participated in the formation of the Owner's Group Subcommittee to evaluate the Control Room for inclusion of human factors in the design. This review included post TMI human factors efforts. The OG Subcommittee found favorable aspects with the design and made further recommendations for enhancement. See Attachment D. The Staff has not completed its review, therefore, it remains an open item.

ACRS Subcommittee Comments

Mr. Ray suggested topics for the full Committee Meeting on July 8, 1982. Included were CEI management experience level, Organization and Management, Training Experience, Change in QA, PRA, MK III, Hydrogen control, Decay Heat Removal, Control Room, Equipment Qualification, Emergency Planning, Human Factors, and Industrial Security, if the Full Committee requests it.

NOTE: ADDITIONAL MEETING DETAILS CAN BE OBTAINED FROM A TRANSCRIPT OF THIS MEETING AVAILABLE IN THE NRC PUBLIC DOCUMENT ROOM, 1717 H STREET, N.W., WASHINGTON, D.C., 20555, OR CAN BE PURCHASED FROM ALDERSON REPORTING COMPANY, INC., 400 VIRGINIA AVENUE, S.W., WASHINGTON, D.C. 20024, (202) 554-2345.

request addressed to the U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Director, Division of Licensing.

Dated at Bethesda, Maryland, this 11th day of June, 1982.

For the Nuclear Regulatory Commission,
Dennis M. Crutchfield,

Chief Operating Reactors Branch No. 5,
Division of Licensing.

[FR Doc. 82-18610 Filed 6-17-82; 8:45 am]

BILLING CODE 7980-01-82

Advisory Committee on Reactor Safeguards, Subcommittee on Extreme External Phenomena; Meeting

The ACRS Subcommittee on Extreme External Phenomena will hold a meeting on July 7, 1982, Room 1167, 1717 H Street, NW, Washington, DC. The Subcommittee will review the Research proposed FY 1984 and FY 1985 research funding and programs in this area for the Long-Range Research Plan.

In accordance with the procedures outlined in the Federal Register on September 30, 1981 (46 FR 47903), oral or written statements may be presented by members of the public, recordings will be permitted only during those portions of the meeting when a transcript is being kept, and questions may be asked only by members of the Subcommittee, its consultants, and Staff. Persons desiring to make oral statements should notify the Designated Federal Employee as far in advance as practicable so that appropriate arrangements can be made to allow the necessary time during the meeting for such statements.

The entire meeting will be open to public attendance.

The agenda for subject meeting shall be as follows:

Wednesday, July 7, 1982—5:00 p.m. Until the Conclusion of Business

During the initial portion of the meeting, the Subcommittee, along with any of its consultants who may be present, will exchange preliminary views regarding matters to be considered during the balance of the meeting.

The Subcommittee will then hear presentations by and hold discussions with representatives of the NRC Staff, their consultants, and other interested persons regarding this review.

Further information regarding topics to be discussed, whether the meeting has been cancelled or rescheduled, the Chairman's ruling on requests for the opportunity to present oral statements and the time allotted therefor can be obtained by a prepaid telephone call to cognizant Designated Federal

Employee, Dr. Richard Savio (telephone 202/634-3267) between 8:15 a.m. and 5:00 p.m., EDT.

Dated: June 14, 1982.

John C. Hoyle,

Advisory Committee Management Officer.

[FR Doc. 82-18616 Filed 6-17-82; 8:45 am]

BILLING CODE 7980-01-82

Advisory Committee on Reactor Safeguards, Subcommittee on Perry Nuclear Power Plant Units 1 and 2; Time Change

The ACRS Subcommittee on Perry Nuclear Power Plant Units 1 and 2 scheduled for June 28th will start at 1:30 p.m. instead of 2:30 p.m. and June 29th will start at 8:30 a.m., at the Marriott Inn, 4277 West 150th Street, Cleveland, OH.

All other items regarding this meeting remain the same as announced in the Federal Register published Thursday, June 3, 1982 (47 FR 24238).

Further information regarding topics to be discussed, whether the meeting has been cancelled or rescheduled, the Chairman's ruling on requests for the opportunity to present oral statements and the time allotted therefor can be obtained by a prepaid telephone call to the cognizant Designated Federal Employee, Mr. Gary Quittschreiber or the Staff Engineer, Mr. Anthony Cappucci (telephone 202/634-3267) between 8:15 a.m. and 5:00 p.m., EDT.

Dated: June 14, 1982.

John C. Hoyle,

Advisory Committee Management Officer.

[FR Doc. 82-18617 Filed 6-17-82; 8:45 am]

BILLING CODE 7980-01-82

Advisory Committee on Reactor Safeguards, Subcommittee on Reliability and Probabilistic Assessment; Meeting

The ACRS Subcommittee on Reliability and Probabilistic Assessment will hold a meeting on July 7, 1982, Room 1167, at 1717 H Street, NW, Washington, DC. The Subcommittee will review the proposed FY 1984 and FY 1985 research funding and programs for the Risk Analysis Decision Unit.

In accordance with the procedures outlined in the Federal Register on September 30, 1981 (46 FR 47903), oral or written statements may be presented by members of the public, recordings will be permitted only during those portions of the meeting when a transcript is being kept, and questions may be asked only by members of the Subcommittee, its consultants, and Staff. Persons desiring to make oral statements should notify

the Designated Federal Employee as far in advance as practicable so that appropriate arrangements can be made to allow the necessary time during the meeting for such statements.

The entire meeting will be open to public attendance.

The agenda for subject meeting shall be as follows:

Wednesday, July 7, 1982—4:00 p.m. Until the Conclusion of Business

During the initial portion of the meeting, the Subcommittee, along with any of its consultants who may be present, will exchange preliminary views regarding matters to be considered during the balance of the meeting.

The Subcommittee will then hear presentations by and hold discussions with representatives of the NRC Staff, their consultants, and other interested persons regarding the topics to be discussed.

Further information regarding topics to be discussed, whether the meeting has been cancelled or rescheduled, the Chairman's ruling on requests for the opportunity to present oral statements and the time allotted therefor can be obtained by a prepaid telephone call to the cognizant Staff Engineer, Mr. J. Michael Griesmeyer (telephone 202/634-3267) between 8:15 a.m. and 5:00 p.m., EDT. The Designated Federal Employee for this meeting is Mr. Gary Quittschreiber.

Dated: June 15, 1982.

John C. Hoyle,

Advisory Committee Management Officer.

[FR Doc. 82-18614 Filed 6-17-82; 8:45 am]

BILLING CODE 7980-01-82

Advisory Committee on Reactor Safeguards, Subcommittee on Safety Research Program; Meeting

The ACRS Subcommittee on the Safety Research Program will hold a meeting on July 7, 1982, Room 1046 at 1717 H Street, NW, Washington, DC. The Subcommittee will continue to discuss the NRC Safety Research Program and budget for FY 1984 and FY 1985; it will discuss also a draft ACRS report to the Commission on the NRC FY 1984 and FY 1985 safety research program and budget.

In accordance with the procedures outlined in the Federal Register on September 30, 1981 (46 FR 47903), oral or written statements may be presented by members of the public, recordings will be permitted only during those portions of the meeting when a transcript is being kept, and questions may be asked only

ATTACHMENT A

TIME 8:30 AM - 1:30 PM

MEETING ROOM _____

DATE 6-29-82 6-28-82

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
MEETING

Perry Units 1 + 2

ATTENDEES PLEASE SIGN BELOW

(PLEASE PRINT) NAME	BADGE NO.	AFFILIATION
✓1 PAUL SHEMANSKI		NRC
✓2 JACK KUDRICK		"
✓3 [unclear]		"
✓4 Erik S. Pedersen		"
✓5 C. J. TAYLOR		CEI
✓6 R.A. STRATMAN		CEI
✓7 BARRON WALRATH		CEI
✓8 William E. Nick		Gilbert Associates Inc
✓9 [unclear]		[unclear]
✓10 Linn D Schulte		Center Geophysical
✓11 Gabriel Leblanc		Western Geophysical
✓12 DAVID GREEN		CEI
✓13 JACK H. BELLACK		CEI
✓14 PAUL P. MARTIN		CEI
✓15 M.J. TITAS		CEI
✓16 H. Farling		CEI
✓17 K. G. Schlegel		CEI
✓18 FR Stead		CEI
✓19 E.M. BUZZELLI		CEI
✓20 Richard Penko		CEI

TIME 8:30 A.M.

MEETING ROOM _____

DATE 6-29-82

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
MEETING

Perry Units 1 + 2

ATTENDEES PLEASE SIGN BELOW

(PLEASE PRINT) NAME	BADGE NO.	AFFILIATION
1 J. D. MATHELY		CEI
2 A. G. MIGAS		CEI
3 P. A. NEVINS		CEI
4 D. T. SHEN		GE
5 R. C. MITCHELL		GE
6 P. G. KLANU		CEI
7 W. F. MOTTI		GE
8 J. F. HILBISH		GAI
9 J. D. GRIER		GAI
10 R. B. COFFEY		CEI
11 M. G. CAPRIATIS		GAI
12 S. M. GRESKO		GAI
13 L. E. WISE		GAI
14 M. M. WASELUS		GAI
15 W. M. DAVIS		GE
16 R. W. ALLEY		GAI
17 C. A. VATH		GAI
18 M. PLICA		GAI
* 19 E. CHASE		citizen
20 Marilyn Butcher		CEI

TIME 8:30 A.M.

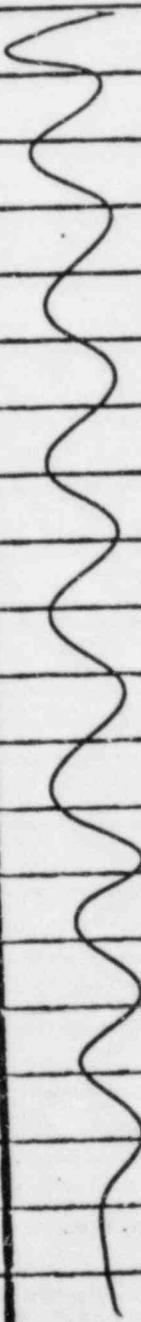
MEETING ROOM _____

DATE 6-29-82

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
MEETING

Perry Units 1 + 2

ATTENDEES PLEASE SIGN BELOW

(PLEASE PRINT) NAME	BADGE NO.	AFFILIATION
1 <u>B. W. Heffner</u>		<u>C. E. I</u>
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TIME 1:30 p.m.

MEETING ROOM _____

DATE 6-28-82

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
MEETING

Perry Units 1 + 2

ATTENDEES PLEASE SIGN BELOW

(PLEASE PRINT) NAME	BADGE NO.	AFFILIATION
✓1 Patrick L. Powell		Washington Public Power Supply System
✓2 LESLEY A. ENGLAND		GULF STATES UTILITIES
✓3 Thomas Hill		BNE Chia Sierra Club
✓4 Amy Hubbard		North Shore Alert
✓5 SUSAN L. HATT		CITIZENS FOR REEF ENERGY
✓6 Connie Klise		Western Reserve Nuclear + North Shore Alert
✓7 Judy Frank		Commission on Hazardous Waste
✓8 Stephen J. Smith		Lake Erie, N.W.
✓9 Charles L. Diefen		Cleveland Electric Illum Co.
✓10 Kathleen Bylanski		United Press International
✓11 Lucile Bluebaugh		North Shore Alert
✓12 Pat Bluebaugh		North Shore Alert
✓13 Max L. Seldner		USNRC
✓14 W.D. Skyles		USNRC
✓15 Linda Matthews		Ohio Div. of Services
✓16 Gary Weigand		GSU
✓17 Rick King		Gulf States Utilities
✓18 James M. Glazar		GSU
✓19 Peter E. Freehill		GSU
✓20 William J. Reed, Jr.		Gulf States Utilities

TIME 1:30 p.m.

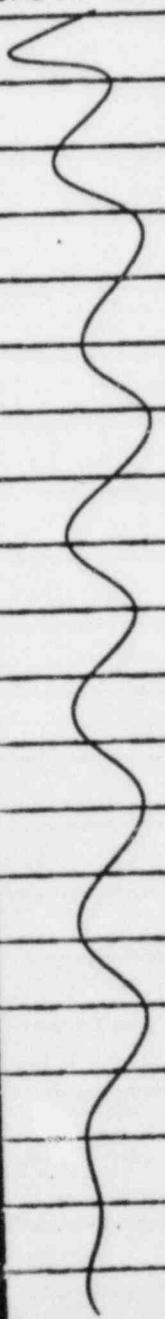
MEETING ROOM _____

DATE 6-28-82

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
MEETING

Perry Units 1 + 2

ATTENDEES PLEASE SIGN BELOW

(PLEASE PRINT) NAME	BADGE NO.	AFFILIATION
1 LL Dietrich		Stano & Webster
2 L.B. May		GE
3 J.E. BUCKER		G 54
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6/14/82

PROPOSED SCHEDULE FOR THE
ACRS SUBCOMMITTEE MEETING ON PERRY UNITS 1&2
CLEVELAND, OHIO - JUNE 28-29, 1982

June 28, 1982

	<u>PRESENTATION TIME</u>	<u>APPROXIMATE* TIME</u>
I. Executive Session	10 Min.	1:30 - 1:40 pm
II. Introductory Statement by CEI/Plant Description - DAVIDYD DAVIDSON	10 Min.	1:40 - 1:55 pm
III. Report by the NRC Staff		
A. Status of Review - J. Stefano	10 Min.	1:55 - 2:10 pm
B. Comparison of Perry with other Similar BWRs reviewed by the NRC Staff - J. STEFANO	10 min	2:10 - 2:25 pm
C. Summary of Principal Review Issues and Status of Commitments on TMI Action Plan (to include a summary of open issues and likely reso- lution, and a summary of the safety issues in this review which the NRC Staff believes were the most difficult to resolve) - J. STEFANO	25 Min.	2:25 - 3:00 pm
D. I&E Report on Significant Plant Experiences (to include QA con- struction program, voluntary stop work order, and resolution) CORDELL WILLIAMS	25 Min.	3:00 - 3:40 pm
***** BREAK *****	15 Min.	3:40 - 3:55 pm
IV. Presentation by Applicant		
A. Organization and Management		
1. Description of Operations Manage- ment Organization (to include role of independent review groups) - MURRAY EDELMAN	15 Min.	3:55 - 4:25 pm
2. Description of Existing Interfaces and Arrangements for Post-Operational Interfaces with GE, the AE, and In- dustry Support Groups - MURRAY EDELMAN	10 Min.	4:25 - 4:40 pm
3. Description of Training Programs and staffing for Operations and Main- tenance Personnel - J. WALDRON	15 Min.	4:40 - 5:10 pm

ATTACHMENT C

6/14/82

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PROPOSED SCHEDULE FOR THE
ACRS SUBCOMMITTEE MEETING ON PERRY UNITS 1&2

June 28, 1982

	<u>PRESENTATION TIME</u>	<u>APPROXIMATE* TIME</u>
4. Restructuring of QA Organization and identification/resolution of major QA issues. - <i>RON FARRELL</i>	15 Min.	5:10 - 5:35 pm

June 29, 1982

B. Applicant Discussion of PRA's and System Interaction Studies Performed - <i>Bill Coleman</i>	20 Min.	8:30 - 9:00 am
1. Consideration of Existing Studies to include GE PRA and Grand Gulf RSSMP Studies		
2. Applicant's Plans to perform PRAs		
C. Discussions of Selected Plant Systems		
1. Mark III Containment Issues. Status and Resolution. (To include discussion of suppression pool dynamics loads and concerns expressed relative to the STRIDE and GESSAR projects for Mark IIIs). - <i>RICK PENNER</i>	20 Min.	9:00 - 9:30 am
2. Hydrogen Control Systems - <i>EMERSON BUZZELLI</i>	10 Min.	9:30 - 9:45 am
3. Offsite and Onsite AC and DC Power Systems Description and Reliability Assessment - <i>PAT NEVUS</i>	20 Min.	9:45 - 10:15 am
***** BREAK *****	15 Min.	10:15 - 10:30 am
4. Decay Heat Removal Systems (to include a description of the system, operational analysis and a evaluation of effectiveness under degraded plant considerations) <i>RUSS TADYCH</i>	20 Min.	10:30 - 11:00 am

6/14/82

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PROPOSED SCHEDULE FOR THE
ACRS SUBCOMMITTEE MEETING ON PERRY UNITS 1&2

June 29, 1982

	<u>PRESENTATION TIME</u>	<u>APPROXIMATE*</u> <u>TIME</u>
5. Description of Instrument and Control System. (To include implementation of RG 1.97 and position on incore thermocouples) - PAT NEVINS	20 Min.	11:00 - 11:30 am
6. Description of Equipment Qualification Program - KEN MATHENY	20 Min.	11:30 - 12:00 am
1. Environmental		
2. Seismic		
***** LUNCH *****	1 Hr.	12:00 - 1:00 pm
V. Oral Presentations from Members of the Public as Requested	1 Hr.	1:00 - 2:00 pm
IV. Presentation by the Applicant (Cont'd)		
D. Description of Emergency Planning - STEVE KENWICK	15 Min.	2:00 - 2:25 pm
E. Consideration of Human Factors in the Plant Design and Operation Procedures - PAT NEVINS	20 Min.	2:25 - 2:55 pm
VI. Comments by the ACRS Subcommittee - J. Ray	15 Min.	2:55 - 3:10 pm
Adjourn		3:10 pm

*Includes 40% to 100% of presentation time for questions and answers.