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MEMORANDUM FOR: Gary R. Burdick, Chief
 Reactor Risk Branch
 Division of Risk Analysis and Operations
 Office of Nuclear Regulatory Research

FROM: Carl Johnson
 Reactor Risk Branch
 Division of Risk Analysis and Operations
 Office of Nuclear Regulatory Research

SUBJECT: FORTHCOMING RESEARCH REVIEW GROUP MEETING

TIME & DATE: 8:30 a.m. to 4:00 p.m., November 2, 1984

PLACE: Room P-118, Phillips Bldg., Bethesda

PURPOSE: Review preliminary results of ORNL/LANL/Purdue/BNL analysis of PTS likelihood based on Calvert Cliffs-1.

- o Overview: Review and comment to Reactor Risk Branch on the perspective, scope, and schedule of the project to ensure that the research results are relevant to resolution of USI A-49.
- o Technical Peer Review: Audit and comment on the appropriateness of methods, information sources, judgments, and assumptions.

PARTICIPANTS: NRR - K. Kniel, N. Anderson, R. Woods, E. Throm,
 R. Klecker, S. Israel, L. Lois, J. Clifford

IE - D. Kirkpatrick

AEOD - H. Ornstein

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RES - G. Burdick, P. Baranowsky, J. Murphy, M. Vagins,
P. N. Randall, D. Basdekas, L. Shotkin, J. Reyes,
C. Johnson

ORNL, LANL, Purdue, BNL, Baltimore Gas and Electric
Company.

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Carl Johnson
Reactor Risk Branch
Division of Risk Analysis and
Operations
Office of Nuclear Regulatory Research

Enclosure:
Agenda

cc: See attached sheet

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RES Central File R-2912.01.10
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DATE ▶	10/22/84	10/27/84				

cc w/encl:

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L. Abramson
F. Manning
D. Pyatt
P. K. Niyogi
J. Norberg
E. Igne
J. White, ORNL
D. Selby, ORNL
R. Cheverton, ORNL
J. Koenig, LANL
B. Daly, LANL
D. Majumdar, DOE
T. Charlton, INEL
P. Saha, BNL
L. T. Pedersen, PNL
B. Chexal, EPRI
R. Gill, Duke Power Co.
S. Mirsky, BG&E
R. Oliver, CP&L
M. Modarres, Univ. of Maryland
G. Irwin, Univ. of Maryland
Y. Y. Hsu, Univ. of Maryland
C. Johnson
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Research Review Group Meeting on Pressurized Thermal Shock Analysis

Phillips Building Room P-118
Bethesda, Maryland
November 2, 1984

8:30 am	Introduction	C. E. Johnson, NRC
8:35 am	<u>Summary of scope and approach analysis</u>	D. L. Selby, ORNL
8:50 am	<u>Summary of results based on Calvert Cliffs-1</u>	D. L. Selby, ORNL
	- Likelihood of Thru-Wall Crack	
	- Dominant Sequences	
	- Important Operator & Control Actions	
	- Important Plant Features	
	- Uncertainties	
	- Related Effectiveness of Postulated Corrective Measures	
	<u>Discussion of Results</u>	
9:20 am	Sequence Delineation & Quantification	ORNL
9:50 am	Human Factors	ORNL
10:10 am	Break	
10:25 am	TRAC Analysis of Selected Transients	LANL
11:05 am	Audit of TRAC Analysis	BNL
11:25 am	Lunch	
1:15 pm	Reactor Coolant Mixing & Heat Transfer Coefficient	Purdue
1:45 pm	Simplified Thermal-hydraulic Analysis of Remaining Transients	ORNL
2:15 pm	Fracture Mechanics Analysis	ORNL
2:45 pm	Integration of Results	ORNL
3:00 pm	Sensitivity & Uncertainty Analysis	ORNL
3:30 pm	Discussion	A11
4:00 pm	Adjourn	