



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

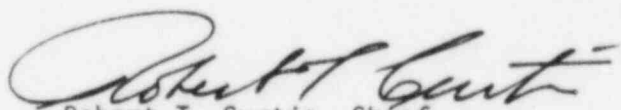
Curt A
OCT 03 1985

MEMORANDUM FOR: Those on Attached List

FROM: Robert T. Curtis, Chief
Containment Systems Research Branch

SUBJECT: MEETING ANNOUNCEMENT FOR UKAEA/USNRC INFORMATION EXCHANGE
MEETING ON CONTAINMENT RESPONSE

You are invited to attend the subject meeting to be held October 15 and 21, 1985 in Room 110 of the Phillips Building in Bethesda, Maryland. We will exchange information with the UKAEA on our collaborative studies of the containment responses under severe accident conditions for large dry PWRs. The agenda is enclosed.


Robert T. Curtis, Chief
Containment Systems Research Branch

Enclosure: As stated

UKAEA/USNRC Information Exchange Meeting
Containment Response to Severe Accident Conditions
Tuesday, October 15, 1985
Room P-110, Phillips Building
Bethesda, MD

9:00 am	Introduction to Phase 2 of the UK PWR Severe Accident Containment Study.....	A. T. D. Butland
9:10 am	Reactor Systems, Accidents, and Technical Topics Studied.....	A. T. D. Butland
9:20 am	Inventory and Core Melt Calculations.....	A. T. D. Butland
10:00 am	Core Material Release and Primary System Retention.....	A. T. D. Butland
10:40 am	In-Vessel Steam Explosions.....	A. T. D. Butland
11:00 am	Bottom Head Events and Head Melt Through.....	B. D. Turland
11:45 am	Lunch	
1:00 pm	Cavity Events and Core-Concrete Thermal Hydraulics.....	B. D. Turland
2:00 pm	Core-Concrete Aerosol Production.....	A. T. D. Butland
2:30 pm	Containment Thermal Hydraulics and Gas Combustion.....	R. L. D. Young
3:15 pm	Break	
3:30 pm	Aerosol and Vapour Behavior in the Containment.....	A. T. D. Butland
4:15 pm	Conclusions from Phase 2 of the Study and Future Plans.....	A. T. D. Butland
4:45 pm	General Discussion	

UKAEA/USNRC Information Exchange Meeting
Containment Response to Severe Accident Conditions

Monday, October 21, 1985
Room P-110, Phillips Building
Bethesda, MD

9:00 am	Introduction and Overview.....	Curtis
9:15 am	Severe Accident Sequence Analysis-Applications and Results - INEL.....	Dallman
9:45 am	Severe Accident Sequence Analysis-Applications and Results - SNL.....	Peterson
10:15 am	Break	
10:30 am	CONTAIN Capabilities and Representative Calculations of Aerosol and Thermal-Hydraulic Containment Loads.....	Bergeron
11:10 am	Direct Containment Heating-Experiments and Analysis.....	Tarbell
11:50 am	Lunch	
1:00 pm	Core Concrete Interactions-Experiments and Analysis.....	Powers
2:00 pm	Hydrogen Combustion - Experiments and Analysis.	Berman
2:30 pm	Containment Failure Modes.....	Costello
3:00 pm	Break	
3:15 pm	Molten Fuel-Coolant Interactions-Experiments and Analysis.....	Berman
3:45 pm	Discussion of FY 86 Experimental Plans - CSRB Programs.....	Curtis
4:15 pm	Plans for Future Cooperation.....	Curtis/Potter
4:45 pm	General Discussion	

addressees for letter dated

OCT 03 1985

NRC-RES

R. Minogue
D. Ross
O. Bassett
G. Arlotto
F. Gillespie
L. Shotkin
W. Beckner
F. Odar
M. Silberberg
N. Zuber
L. Chan
J. Han
G. Marino
R. Van Houten
R. Wright
B. Agrawal
R. Audette
B. Burson
T. Lee
J. Telford
T. Walker
P. Wood
P. Worthington
J. Richardson
J. Burns
J. Costello
J. Murphy
G. Burdick
P. Baranowsky
J. Glynn
J. Marlaro
J. Norberg
P. Niyogi
M. Cunningham

NRC-NRR

T. Speis
R. Bernero
B. Sheron
J. Kudrick
Z. Rosztoczy
R. Palla

J. Shapaker
C. Allen
W. Lyon
R. Barrett
J. Rosenthal
J. Watt

SNL

J. Walker
D. Powers
M. Berman
K. Bergeron
B. Tarbell
A. Peterson
A. Benjamin

ORNL

T. Kress
A. Malinauskas
R. Adams

INEL

J. Dallman
T. Charleton
K. Wagner

UKAEA - USNRC Severe Accident Containment Study

List of Attendees

Oct 15, 1985

RT CURTIS
 Jackie Longworth
 R. JACK DALLMAN
 BHARAT B. AGRAWAL
 Marshall Berman

K.C. Wagner
 Brian Turland

Ken Potter
 Rodney Young

Terry Butland
 Kenneth D. Bergeron
 John Telford

Nigel Buttery

Van Pugh
 Richard Tunstey
 Andrew Peterson

Hans Ashar
 R.E. ADAMS

JAMES F. COSTELLO
 WARREN C LYON

Cordis L. Allen

BOB PALLA

T. J. WALKER

P. Wood

NRC / CSRB
 UK - CEEB (BNL)
 EG & G IDAHO (INEL)
 NRC / RES / CSRB.
 Sandia

EG & G IDAHO (INEL)
 UKAEA Culham

UKAEA Winfrith.

UKAEA SRD

UKAEA Winfrith

Sandia Laboratories

NRC / RES / CSRB

UK - CEEB (BNL)

UK - CEEB (GDCD)

UK - NNC

Sandia Laboratories

NRC / RES / DET

OAK RIDGE NATIONAL LAB.

NRC / RES / DET

NRC / NRR / RSB

NRC / NRR / DST

NRC / NRR / CSB

NRC / CSRB

NRC / CSRB