

UNITED STATES GOVERNMENT

# Memorandum

TO : R. S. Boyd, Assistant Director  
for Reactor Projects, DRL  
(THRU) R. L. Tedesco, Chief, RPB#2 *B*

FROM : V. Stello *VS*  
Reactor Project Branch #2, DRL

DATE: August 7, 1967

SUBJECT: ACRS MEETING SUMMARY -- O'STER CREEK, JULY 27 AND 28, 1967  
DOCKET NO. 50-219  
Regulatory Suppl File Cy.

A meeting was held on July 27, 1967, with representatives of General Electric, Burns & Roe, Jersey Central and the staff. Attendees at this meeting and those for the Subcommittee meeting on July 28, 1967, are attached. The purpose of the meeting was to discuss the contents of our July 14, 1967 letter from P. A. Morris and prepare for the Subcommittee meeting.

The following matters, discussed in the letter now appear to be resolved:

1. Both the AC and DC on-site electrical systems would meet the single failure criterion.
2. All four electromagnetic relief valves will be programmed for automatic operation.
3. High drywell pressure will be added as an initiation signal for actuation of the core spray signal. The instrumentation will be designed so that high drywell pressure or low pressure vessel water level will actuate the core spray system.

We cannot establish a position on the remaining items of the July 14 letter until we receive the details of the supporting data. One of the items, in essence a request for a high head system, was discussed in detail. General Electric has performed a "realistic" calculation for the small break region wherein the maximum temperature and percentage of fuel rod perforations for small breaks are considerably lower than those reported in Amendment No. 5. If the supporting calculations are acceptable, we may be in a position to accept the ECCS for Oyster Creek without a high head system.

In a closed session between the ACRS and DRL, Dr. McKee indicated that another subcommittee on ECCS (and possibly other related areas) would be required before the subcommittee could recommend bringing the Oyster Creek Plant before the full committee. He also indicated that he wanted resolution of all of the items in the July 14 letter as well as a statement of differences for the dose calculations performed by DRL and GE. We agreed to respond to this request. Dr. McKee told Jersey Central that another



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R. S. Boyd

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subcommittee meeting on ECCS would be required and encouraged Jersey Central to respond formally to all of the items in the July 14 letter. Jersey Central did agree to respond formally by August 14, 1967.

Distribution:

Suppl. ←

DRL Reading

RFB#2 Reading

Orig: V. Stello

R. Tedesco

M. Rosen

I. Spickler

J. Sears, CO

Compliance (2)

ATTENDEES AT ACRS STAFF MEETING  
THURSDAY, JULY 27, 1967

Jersey Central Power & Light Company

G. H. Ritter  
J. V. Neely  
D. R. Rees (p.t.)  
I. R. Finfrock  
T. J. McCluskey  
D. E. Hetrick  
L. H. Roddis, Jr. (p.t.)  
W. W. Lowe - Consultant

General Electric Company

R. A. Huggins  
P. W. Ianni  
R. V. Poe  
A. J. Mc Crocklin  
W. Williams  
T. E. Bloom  
R. McWhorter  
E. M. Kratz

Burns and Roe, Inc.

E. Nobile  
G. A. Lari  
J. C. Archer

AEC, DRL

V. Stello  
R. Tedesco  
R. Boyd  
M. Rosen  
I. Spickler  
J. Sears CO  
L. Kornblith

ACRS

C. W. Zabel  
S. H. Bush  
S. H. Hanauer  
H. G. Mangelsdorf  
J. E. Mckee  
A. A. O'Kelly  
M. Gaske