

54263

PDR

PROMPT RELIEF TRIP

1. The RPT circuits should be reviewed by EIA/CSB for conformance with applicable standards.
2. The transient analysis technique as described in NEDO-10802 has not been reviewed by RS (indeed no TAR has been issued, yet). We have included it as part of our overall ATWS review, but this effort will not be accomplished for about six months.
3. The transient analysis used for relief/safety valve sizing may be adversely effected, if and when the recirculation pump trip required to control an ATWS is incorporated.
4. The assumed reactor physics parameters (including integral rod worth inserted, reactivity coefficients) may be in a changing situation. GE has said, at other times, that they intend to go to less conservative values. Only a careful check of each submittal will determine whether changes have been made.
5. Our review of GETAB is not complete. Presumably some of the events, such as turbine trip without bypass, have been analyzed on Monticello with GETAB, and in fact are limiting. The number of relief valves and the functioning (or lack of it) of the RPT affect the course of transient, and thereby the GETAB results. We will not be finished with GETAB for several months.

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SURNAME ➡						
DATE ➡						

FEB 19 1974

D. J. Skovholt

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In summary, we wish to point out that a complete technical solution to the adequacy of PRT is intertwined with ATWS and GETAB reviews and will take several months. Any action on plants such as Monticello which must take place sooner should not be considered as precedent-setting and should incorporate suitable conservatism to compensate for lack of fully-reviewed events.

Original Signed by
Victor Stello

Victor Stello, Jr., Assistant Director
for Reactor Safety
Directorate of Licensing

DISTRIBUTION:

J. M. Hendrie, DDTR
A. Giambusso, DDRP
R. Boyd, L:RP
J. Gallo, OGC
V. Stello, L:RS
D. Ziemann, L:ORB-2
D. Ross, L:CPB
T. Ippolito, L:EICSB
J. Shea, L:ORB-2
R. Bevin, EP-4
R. Diggs, L:RP
G. Williams, EP-4
PDR (3)
L Reading File
RS Reading File

OFFICE →	L:CPB	L:RS				
SURNAME →	DRoss:pf	VStello				
DATE →	2/15/74	2/19/74				