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P. Tam ✓

AUG 10 1982

Docket No. 50-334

MEMORANDUM FOR: Hugh L. Thompson, Jr., Director, Division of Human Factors Safety
FROM: Gus Lainas, Assistant Director for Operating Reactors, Division of Licensing
SUBJECT: BEAVER VALLEY UNIT 1, N-1 LOOP OPERATION REVIEW (TACS 10386)

By letter dated October 27, 1978, Duquesne Light Company requested an amendment to its Operating License to accommodate a new protection system design for Beaver Valley Unit 1, in anticipation of the possibility of operating the plant with 2 out of 3 coolant loops.

The Operating Reactors Analysis Branch (ORAB) has completed its review of this issue. Reactor Systems Branch (reviewer: R. Barrett) review is ongoing. The SER from ORAB is attached. We request your Division to review the need to mark control room indicators, as described in the SER and its attached TER.

Please have your reviewers contact the Licensing project manager, Mr. P. Tam (x28423) for additional information. Our target date for this TAC is 9/30/82.

Original Signed By:
G. C. Lainas

Gus Lainas, Assistant Director
for Operating Reactors
Division of Licensing

Enclosure:
As stated

cc w/o enclosure:
G. Holman
J. T. Beard
R. Barrett
B. W. Sheron

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OFFICE	ORB 1	ORB 1	AD:OR:DL				
SURNAME	PTam/rs	SVanya	GLainas				
DATE	8/10/82	8/10/82	8/10/82				



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

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NOTE TO: G. Lainas, Chief, Plant Systems Branch, DOR
THRU: D. Tondi, Section Leader, Plant Systems Branch, DOR
FROM: J. Burdoin, Plant Systems Branch, DOR
SUBJECT: STATUS OF N-1 LOOP OPERATION REVIEWS/TECHNICAL ASSISTANCE
CONTRACT

Concerning the question of continued effort in the review of licensee's requests for Technical Specification (TS) changes for N-1 loop operation, it has been decided by the Operating Reactors Branch 1 Chief, (Mr. Schwencer) to complete the reviews (I&C portion) for Zion and Beaver Valley. The reasoning being that the reviews for these two plants are well advanced (response to questions have been received from the licensee); and it would be inappropriate to stop the reviews before they are completed. No reviews for other PWRs will take place until this effort is given a higher priority by DOR.

The Chief of Operating Reactors Branch 3 (Mr. Ippolito) has suggested we contact those licensee's of BWRs who initially submitted requests in the Fall of 1976 for TS changes to permit single loop operation to determine whether or not they still desire this TS modification. The original submittals did not include an ECCS analysis with one recirculation loop out-of-service. GE submitted their "analytical model for LOCA with one recirculation loop out-of-service" in July 1978, and the Reactor Safety Branch is presently completing their review of the model. Those licensee's who still want the change will have to update their original submittals to address GE's most recent analytical LOCA model. Upon receipt of this new information we can, given that our priorities permit, continue the BWR reviews.

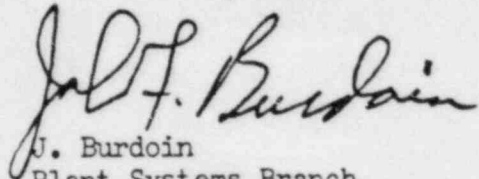
In the past, it has been necessary to perform on a "crash basis" a review to allow operation in the single loop mode, as a one-time-event, for several BWR plants: Oyster Creek, Browns Ferry, Big Rock Point, etc. To avoid these emergency quick-turn-around reviews, it is to our advantage to complete the task of N-1 loop reviews for BWRs. To this end, it is suggested that management establish a priority for this task to allow the work to be completed on a timely basis. These reviews are presently assigned to a technical

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assistance contractor. If this issue is not resolved, these reviews will have to be removed from the contract and the manpower reassigned to other tacs.



J. Burdoin
Plant Systems Branch
Division of Operating Reactors

cc: T. Ippolito
A. Schwencer
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