

SEP 20 1983

MEMORANDUM FOR: Richard C. DeYoung, Director
Office of Inspection and Enforcement August 26, 1983

FROM: William J. Dircks
Executive Director for Operations

SUBJECT: ALLEGED FALSIFICATION OF REACTOR COOLANT LEAK RATE TESTS

- REFERENCES:
- (1) Memorandum to William Dircks from Ben Hayes, "Consideration of the GPUN management competence issue as it relates to OI Investigation 1-83-0101 [Three Mile Island Unit 2 (TMI-2)/alleged falsification of reactor coolant system leak rate tests]," dated August 26, 1983.
 - (2) Memorandum to Ben Hayes from R. Keith Christopher, same subject as reference 1, dated August 22, 1983.

On September 7, 1983, you and members of our respective staffs discussed the referenced memoranda. As a result of that meeting, the course of action described below was agreed upon. This effort, including preparation of a memorandum describing the results, is to be completed by October 21, 1983.

IE is to select two reactors designed by Babcock & Wilcox that were in operation during 1978. The reactor coolant system (RCS) leak rate test procedures and calculational methods in use at the selected plants in 1978 are to be reviewed. Any significant deficiencies in the procedures and calculational methods are to be identified and compared to the previously identified deficiencies in the TMI procedures and calculational methods. A discussion of the probable impact of the deficiencies on the determination of RCS leak rate is to be provided and, as appropriate, compared to the impact of the TMI deficiencies.

In addition, please provide a summary of the RCS independent measurement program initiated by IE after the accident at TMI-2. Also provide IE's comments on RCS leak rate testing procedures and calculational methods in place during the period 1980 to 1982, based on the implementation of the independent measurement program.

(Signed) William J. Dircks

William J. Dircks
Executive Director for Operations

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*SEE PREVIOUS CONCURRENCES

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| *DEPER:IE | PSB:IE | *D:DEPER:IE | *D:IE | *EDO | *EDO | EDO |
| RLBaer | RSanders | ELJordan | RCDeYoung | VStello | JRoe | WJDircks |
| 9/9/83:mkm | 9/ /83 | 9/ /83 | 9/ /83 | 9/ /83 | 9/ /83 | 9/ /83 |