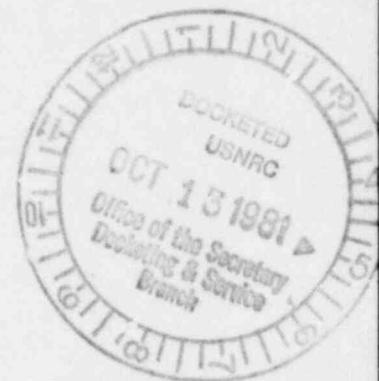


UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

ATOMIC SAFETY AND LICENSING BOARD

Before Administrative Judges:
Peter B. Bloch, Chairman
Jerry R. Kline
Hugh C. Paxton

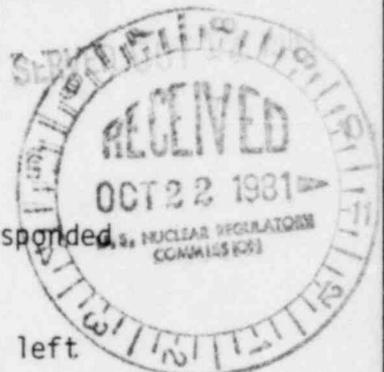


WISCONSIN ELECTRIC POWER COMPANY

(Point Beach Nuclear Plant,
Units 1 and 2)

Docket Nos. 50-266-OLA
50-301-OLA

October 13, 1981



MEMORANDUM AND ORDER
CONCERNING FURTHER BOARD QUESTIONS

On October 9, 1981, Wisconsin Electric Power Company (WE) responded to questions asked of it by the Board in its October 1, 1981 Order. Although these answers resolved some of the Board's questions, they left some incompletely resolved. The purpose of these questions is to help to resolve remaining questions. Wisconsin's Environmental Decade (Decade) shall have at least seven days from receipt of the answers to these questions to show cause (pursuant to our October 1 Order) why WE should not be granted permission to conduct its proposed tube-sleeving demonstration program.

We urge WE to answer these questions clearly and fully. The Board's objective is to ascertain what is known, in a scientifically rigorous manner, and what is not known. We are aware that any engineering program will have areas of uncertainty. However, in order to evaluate the acceptability of that uncertainty, we must know where it exists. Fully forthcoming answers will assist the Board in understanding what is and is not known.

The procedure we are following continues to be unusual. However, in this case we face unusual time pressures and the likelihood that Staff documents will not be available in time for Board and intervenor review. Under the circumstances, we consider our probing review of the Application to be necessary.

The following are the Board's additional questions:

- (1) Was plug removal performed at San Onofre or R.E. Ginna?

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- (2) Please show in one table (or set of tables) all tests performed on tubes from which plugs were removed and the results of those tests. Minimum values and ranges should be indicated. Tables should be clearly labeled so that they disclose differences between the testing conditions and the Point Beach project.
- (3) What empirical tests will be performed prior to sleeving de-plugged tubes in order to assure the integrity of the tube-to-tube-sheet weld and its resistance to stress? What uncertainty will exist after these empirical tests are performed? What laboratory tests or engineering studies narrow these areas of uncertainty? What uncertainty will continue to exist?
- (4) What radiation exposure is expected for the workers who will manually insert sleeves?
- (5) Please file the relevant sections of the San Onofre Repair Report which you rely on in answer to Board questions. Be sure to include all related sections.
- (6) What is the criterion for "unacceptable expansion" which would cause sleeves to be plugged?
- (7) What quality control measures, if any, will be used to assure accurate measurement and data collection during the demonstration program?
- (8) Please explain your answer to our previous Question 7 more fully. More particularly, why is there a difference in torque indicated? Does this entry merely mean that Point Beach can withstand more torque or does it mean something else?
- (9) Please indicate in a single table or set of tables the extent to which you rely on San Onofre tests rather than on laboratory tests of the Point Beach configuration and the extent to which

there are no data whatever available concerning the Point Beach configuration. Provide explanations where applicable.

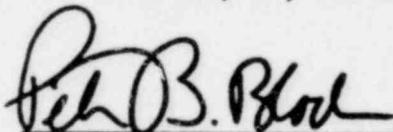
- (10) Please explain the improvements in the Model 44 steam generators which make the Table 6.1-16 results no longer applicable.

Please provide actual observation data for Table 6.1-15, which has only "averages" rather than actual observations from which a variance or range could be computed.

- (11) What is a safe minimum value for axial translation? Why is it a safe value? Does your reliance on Task M5 mean that you have not yet done a test comparable to Task M4? Is that acceptable?

FOR THE

ATOMIC SAFETY AND LICENSING BOARD
(WITH THE CONCURRENCE OF KLEIN, J.; PAXTON, J. NOT PARTICIPATING)



Peter B. Bloch, Chairman
ADMINISTRATIVE JUDGE

October 13, 1981
Bethesda, Maryland