



**Wisconsin Electric** POWER COMPANY  
231 W. MICHIGAN, P.O. BOX 2046, MILWAUKEE, WI 53201

September 26, 1979

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U. S. NUCLEAR REGULATORY COMMISSION  
Washington, D. C. 20555

Attention: Mr. A. Schwencer, Chief  
Operating Reactors Branch 1

Gentlemen:

DOCKETS 50-266 AND 50-301  
FIRE PROTECTION SAFETY EVALUATION REPORT  
POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2

We have reviewed the Fire Protection Safety Evaluation Report (SER) for Point Beach Nuclear Plant which was transmitted with your letter dated August 2, 1979, and received by us August 9, 1979.

We agree with the content and conditions of items which are stated to be acceptable. We will provide our comments regarding items which have not been completely evaluated by the NRC, following our receipt of the supplement to the SER.

In our review, we noted the following technical corrections which should be made to the SER:

1. Page 3-5, Item 3.1.21: Selected interim hose stations will be provided with "variable" fog type nozzles.
2. Page 3-5, Item 3.1.25: Switchgear room ventilation is provided through louvered penetrations. There is no ductwork. The modification consists of upgrading the louvered penetrations. (PBNP Fire Protection Review, Section 3.4.3.5)
3. Page 4-2, Item 4.2: The words "actuation of manual fire alarm pull boxes" should be deleted. PBNP does not have these devices.
4. Page 4-7, Item (4): The words "all fog" should be "variable fog".
5. Page 4-7, Item (5)(b): "Compressor building" should be deleted. PBNP does not have such a building.

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6. Page 4-14, Item 4.10: The statement "The licensee will demonstrate the capability of the insulating boards and blankets to prevent fire damage to redundant safe shutdown cable" is inappropriate. Our December 29, 1978 submittal included our evaluation of available test data. We have no record of NRC requests for additional information on this subject.
7. Page 5-7, Item 5.3.5: The door between the control room and the cable spreading room is three-hour rated.
8. Page 5-11, Item 5.6.4: The word "automatically" should be deleted.
9. Page 5-13, Item 5.7.1: The words "for containment isolation" should read "for containment recirculation".
10. Page 5-21, Item 5.10.1: The motor control centers in the boric acid tank area (area 237) are not safety-related. The words "safety-related" should be deleted.
11. Page 5-22, Item 5.10.3: The words "safety related" should be deleted from the motor control center designation.
12. Page 5-24, Item 5.11.1: The correct area description should state that there are "two remote shutdown stations with two panels at each station".

Table 3.1 of the report lists implementation dates for licensee proposed modifications. Section 3.1 states that the NRC Staff will require additional information for certain modifications to assure that the design is acceptable prior to actual implementation of the modification. We will forward this information to you as soon as it is available. Modifications for which your review is required will not be implemented until your review is complete and we are advised that the modifications are acceptable.

The report also states that the adequacy of fire protection for several plant areas will be addressed in a supplement to the report following completion of your evaluation. We are completing designs and procurement contracts for approved modifications. The determination of total modification requirements is needed for our development of contract scope and scheduling of contractor activities. Accordingly, we urge you to expeditiously complete your evaluation of unresolved items.

Mr. Darrell Eisenhut's August 17, 1979 letter urged licensees to maintain fire protection modification schedules and to submit design information on an expedited basis.

The following modifications listed in Table 3.1 are complete as of September 1, 1979:

- 3.1.1 Emergency Breathing Apparatus  
Air supply has been certified acceptable for breathing
- 3.1.6 Waterproofing

- 3.1.8 Control Room to Cable Spreading Room Door Seal
- 3.1.10 Ventilation Dampers
- 3.1.13 Portable Handlights
- 3.1.16 Hydrant House Hose Equipment
- 3.1.18 Ventilation Flow Monitoring
- 3.1.19 Portable Fire Extinguishers
- 3.1.20 Hydrant Gate Valves
- 3.1.22 Water Supply - Fire Department Pumper Connection
- 3.1.25 Ventilation Duct Penetration Seals
- 3.1.30 Communication System

The following design information requested in SER Section 3.1 is enclosed.

Item

- 3.1.2 Smoke Exhaust
  - Specification PB-86      Furnish and Install Smoke Vent System
  - Drawing M-211          H&V Piping and Instrument Diagram
  - Drawing M-144          H&V Temperature Control
  - Drawing M-5004        Smoke & Heat Vent System
  - Drawing 5D-67A        Schematic Diagram
  
- 3.1.17 Hydrogen Hazard Fire Protection
  - Specification PB-82      Mechanical Erection for Fire Protection Modifications
  - Sketch HH-1            Hydrogen Supply Header to Auxiliary Building
  
- 3.1.23 Carbon Dioxide Hose Reel Nozzles
  - Drawing H-64
  
- 3.1.25 Ventilation Duct Penetration Seals
  - Drawing 475M-4756      Vertical Double Unit Fire Door

Our current fire protection modification schedule is also enclosed for your information.

Very truly yours,



C. W. Fay, Director  
Nuclear Power Department

Enclosures