



**Wisconsin Electric** POWER COMPANY  
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November 2, 1979

Mr. J. G. Keppler, Director  
Office of Inspection and Enforcement  
Region III  
U. S. NUCLEAR REGULATORY COMMISSION  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

Dear Mr. Keppler:

DOCKET NOS. 50-266 AND 50-301  
FURTHER RESPONSE TO IE BULLETIN 79-14  
POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2

IE Bulletin 79-14 requires licensees to verify for safety-related piping systems that the as-built systems conform to the as-designed seismic analysis and acceptance criteria. Our letters of August 1 and September 7, 1979 provided our initial responses to this bulletin and presented our program for complying with the bulletin requirements, the bulletin required design information, and the initial inspection results as available through August 25, 1979.

The purpose of this submittal is to provide a status report and results of our Bulletin 79-14 program through October 31, 1979.

A. PIPING SYSTEM INSPECTIONS

Our previous submittals identified the piping that would be inspected for compliance with Bulletin 79-14 requirements. These pipelines have been separated into 77 categories, or systems. Each system is identified as either Unit 1, Unit 2, or Common, and as to its location which is either inside containment, or outside containment. For example, the service water supply piping (HB-19) is identified as three separate systems; it is a common outside containment system and also an inside containment system for both Units 1 and 2.

Of the 77 categories, the composition is as follows:

- 7 - Common, Outside Containment
- 15 - Unit 1, Outside Containment
- 20 - Unit 1, Inside Containment
- 15 - Unit 2, Outside Containment
- 20 - Unit 2, Inside Containment

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All applicable piping located outside containment (37 systems) had been inspected by September 15, 1979. This effort covered about 19,000 feet of piping and about 1,600 pipe hangers and supports.

The Unit 1 inside containment inspections (20 systems) were begun on October 8 and were completed by October 18, 1979. This effort covered about 5,200 feet of piping and about 550 pipe hangers and supports.

The Unit 2 inside containment inspections will be performed during the Spring 1980 refueling outage as we have described in our previous transmittals.

Of the 57 system inspections completed, five were determined to have no variations between the as-built and as-designed configurations.

#### B. SYSTEM EVALUATIONS

The bulletin, its revision, and supplements require that if nonconformances are found, then an engineering judgement evaluation be made within two days to determine the significance of the item. This must then be followed by an analytical engineering evaluation within the next 28 days. These are referred to hereafter as Phase 1 and Phase 2 evaluations.

##### Phase 1 Evaluations

Of the 37 outside containment systems for both units, the Phase 1 evaluations have been completed for 34 systems. All of these systems have been judged capable of performing their function in the event of a seismic occurrence except for one item. A seismic support on the Unit 2 main feedwater piping was judged to require additional strength reinforcement and gap shimming to reduce possible piping motion. This support has been modified accordingly.

Of the 20 Unit 1 inside containment systems, all Phase 1 evaluations were complete as of October 22, 1979. All of these have been judged capable of performing their function in the event of a seismic occurrence.

##### Phase 2 Evaluations

Of the 57 applicable categories, the Phase 2 evaluations have been completed for 14 systems including those where there were no variations indicated. We believe that some physical repairs may be required on systems outside containment. These repairs will most likely involve variations applicable to support details. Repair work on outside containment systems will commence after the Unit 1 refueling outage.

Variations between the as-designed and as-constructed conditions have been found in most of the piping systems. For the systems inside the Unit 1 containment, which is normally an inaccessible area, we are proceeding to make some repairs even though the Phase 1 evaluation judged these systems to be operable. These repairs are being made per the original piping design and it is anticipated that the Phase 2 evaluations will not require further modifications.

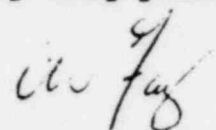
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The initial evaluations for all Common and Unit 1 piping systems inside and outside containment will shortly be completed. The systems will either have been judged capable of performing their function in the event of a seismic occurrence or corrected to meet this criteria. On this basis, the Unit will be returned to power generation at the completion of the refueling outage.

Our program for compliance with Bulletin 79-14 will, of course, continue. We anticipate that our next submittal will be forwarded to NRC by early December. If you require any additional information, please contact us.

Very truly yours,

  
C. W. Fay, Director  
Nuclear Power Department

Copy to: Office of Inspection and Enforcement  
Division of Reactor Operations Inspection

Mr. A. Schwencer, Chief  
Office of Nuclear Reactor Regulation

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