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POINT  
BEACH nuclear plant

POSTAL ROUTE 3, TWO RIVERS, WISCONSIN 54241

February 27, 1975

Mr. D. B. Boyd, Resident Inspector  
Directorate of Regulatory Operations,  
Region III  
U.S. Nuclear Regulatory Commission  
2500 Garfield Street  
Two Rivers, Wisconsin 54241

Dear Mr. Boyd:

50-266/75-4  
LICENSEE EVENT REPORT  
24 HOUR WRITTEN NOTIFICATION

Licensee Name:	<u>WIPBH</u>	License Number:	<u>00-00000-00</u>
License Type:	<u>41111</u>	Event Type:	<u>01 and 21</u>
Category:	<u>PO</u>	Report Type:	<u>P</u>
Report Source:	<u>L</u>	Docket Number:	<u>50-266</u>
Event Date:	<u>2-26-75</u>	Report Date:	<u>2-27-75</u>

Event Description: At 2312 hours, 2-26-75, a primary-to-secondary  
tube failure incident initiated at the Point Beach Nuclear Plant  
Unit No. 1. The steam generator tube failure was in the "B" steam  
generator and went from an initial point leak to a maximum of 125  
gallons per minute, in a period of approximately one-half hour.

Automatic and manual charging pump action maintained  
the reactor pressure and normal main coolant inventory. The  
automatic safety injection systems were not initiated since (see p.2)

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normal main coolant system conditions were maintained by charging pump response.

In the course of the primary-to-secondary leak, some radioactivity, principally xenon inert gas, transferred into the secondary plant steam and condensate systems. The extent of the incident and the levels of radioactivity were below the point of initiation of any in-plant evacuation operation.

In the course of approximately six hours, the primary system was brought to the cold shutdown condition.

In the incident all automatic and manual equipment involved and needed for the handling performed without any malfunction. Procedural handling by Point Beach operators was also carried out without error.

It is estimated that the unit will require from two to three weeks to accomplish what is expected to be a single failed tube repair in the steam generator. Repair will involve specialist personnel and equipment from the steam generator manufacturer organization.