**U. S. NUCLEAR REGULATORY COMMISSION** NRC FORM 366 (7.77) LICENSEE EVENT REPORT (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION) CONTROL BLOCK: 0 0 - 0 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5 LICENSE NUMBER 25 26 LICENSE TYPE 30 1 (2) WIIPBH 0 13 LICENSEE CODE CON'T REPORT 0 1 SOURCE DOCKET NUMBER EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) During normal surveillance of operating parameters at 2325, the operator 0 2 noted that steam generator pressure instrument 1PT-482 was indicating 0 3 higher than other channels. A frozen sensing line was suspected and 0 4 confirmed. Other pressure instrument channels were operating normally. 0 5 This event is reported under Technical Specification 15.6.9.2.B.2, as 0 6 the redundancy requirement was not met until the channel was tripped. 0 7 Similar events were reported as LER's 76-13 and 77-13. SYSTEM CODE CAUSE CAUSE SUBCODE COMP VALVE COMPONENT CODE SUBCODE Z 15 H E A | T | E | R | (14) Z | (16) I | B | (11) Z (13) C (12) REVISION SEQUENTIAL OCCURRENCE REPORT EVENTYEAR REPORT NO CODE TYPE LER/RO 0 1 01 31 |8|1| 01210 REPORT LI 32 31 30 COMPONENT EFFECT ON PLANT NPRD-4 FORM SUB. PRIME COMP. ATTACHMENT SUBMITTED ACTION FUTURE TAKEN ACTION SHUTDOWN METHOD (22) HOURS C|2|6| 8 (26) 0 0 0 N (24) L (25 Z (21) Y Z (20) 0 CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) The event was caused by incomplete insulation of the sensing line and 1 0 cold weather. The instrument was placed in the tripped position, and heat lamps were used to thaw the tubing. The insulation was improved and the installed spare heat tape was energized. Other sensing lines were checked for similar problems. Final corrective action under development. 4 80 METHOD OF DISCOVERY FACILITY (30)% POWER OTHER STATUS DISCOVERY DESCRIPTION (32) A (31) Operator observation E (28) 0 8 6 29 N/A di: 80 ACTIVITY CONTENT LOCATION OF RELEASE (36) AMOUNT OF ACTIVITY (35) RELEASED\_OF RELEASE N/A Z 34 N/A Z (33) PERSONNEL EXPOSURES 80 DESCRIPTION (39) TYPE 0(37) Z 38 N/A 0 0 1 80 PERSONNEL INJURIES DESCRIPTION (41) 0 0 0 (40) N/A 80 OSS OF OR DAMAGE TO FACILITY (43) N/A 8202010238 820118 ADOCK 05000266 (42) PDR PUBLICITY NRC USE ONLY DESCRIPTION (45) NI(44) 414-277-2811 C. W. Fay NAME OF PREPARER. PHONE .

## ATTACHMENT TO LICENSEE EVENT REPORT NO. 81-020/03L-0

Wisconsin Electric Power Company Point Beach Nuclear Plant, Unit 1 Docket No. 50-266

During normal operation at 2325 hours on December 19 during normal surveillance of indicating parameters, the operator noted that steam generator pressure instrument 1PT-482 was indicating higher than other channels. This indication is characteristic of freezing in a sensing line which was immediately suspect due to the cold weather and the fact that the instrument freeze protection had been modified during the recent refueling outage. The instrument channel inputs were placed in the tripped status in accordance with procedure and the required redundancy restored with the remaining two instruments. The instrument was returned to service at 0918 hours on December 20. Similar events were reported as Licensee Event Report Nos. 76-13 and 77-13.

The cause of the freeze-up was evaluated to be due to air infiltration through the unistrut used to support the tubing as it passes into the auxiliary building. Since the auxiliary building is designed to be operated with an internal building pressure slightly less than atmospheric pressure, outside air will flow into the building through any openings. In this case the 16°F ambient air flowing into the building past the tubing caused the water in the tubing to freeze. The problem was temporarily solved by plugging the openings, energizing the installed spare heat tape, and directing a heat lamp to the location of the freeze plug. Other installations were checked for similar problems and the freeze protection system is being analyzed for a permanent solution.