



SUPPLEMENTAL INFORMATION  
FOR  
LICENSEE EVENT REPORT 82-015

1. Cause, Description, and Analysis

On October 19, 1982, at approximately 1100 hours with the unit at 82% power, Comparator LC-485A was found incapable of performing its intended function in that it would not trip. LC-485A provides an annunciator alarm on "B" Steam Generator Lo-Lo Level and a signal to a 2 of 3 matrix for Steam Generator Lo-Lo Level Reactor Trip. This discovery was made during the performance of Periodic Test (PT) 5.5.

This event resulted in less than the minimum degree of redundancy for reactor trip instrumentation as required by Technical Specification, Table 3.5-2 and is reported pursuant to 6.9.2.b.2. The redundant instrument channels were operable so there was no threat to the public health and safety.

2. Corrective Action

The defective Comparator, LC-485A, was replaced with a spare unit, and PT-5.5 was satisfactorily completed on October 19, 1982. The defective unit has been thoroughly examined, and a slightly loose connection on the input connector was found which could potentially have caused the failure, but bench testing of the unit has not been able to duplicate the failure. Therefore, this event is considered to be an isolated case of component failure with no clear, repeatable failure identified.

3. Corrective Action to Prevent Recurrence

Current periodic testing is sufficient to detect any additional problems in this area. Therefore, no further corrective action is considered necessary.