



Description of Event

On 12/28/78 during normal Mode 1 operation "C" steam generator pressure indication from pressure transmitter PT 1494 was noticed to be pegged high. No other abnormal indication supporting this was observed so an emergency Maintenance Request was prepared to investigate.

Subsequent investigation revealed a faulty power supply card serving PT 1494. Only the isolated output section of the card was faulty and thus only indication was affected. The faulty power supply card was replaced and the transmitter was placed back in normal operation.

Probable Consequence of Occurrence

The Engineered Safety Feature Actuation System required by T.S. 3.3.2.1 is provided to initiate automatic protective actions in the event of an accident. In this case the steam pressure transmitters are used to monitor steam pressure and generate a signal used to provide the protection described by T.S. table 3.3-4 parts "e" and "f" of section 1 "Safety Injection, Turbine Trip and Feedwater Isolation".

By placing the affected instrument out of service and placing the appropriate bistable in the tripped position, only one additional trip from either of the other two steam pressure channels on the same loop would be required to initiate a protective action. This is more conservative than the normal 2 out of 3 coincidence and thus there was no danger to the health and safety of operating personnel or the general public.

Cause

The cause for the high indication from PT 1494 was a faulty isolated output section on a power supply card NLP C2-345.

Immediate Corrective Action

Placed instrument channel P-1494 out of service and placed its associated bistables in tripped condition as per action statement 14 of T.S. 3.3.2.1. Replaced faulty card and returned instrument to normal operation.

Scheduled Corrective Action

No scheduled corrective action required.

Action Taken to Prevent Recurrence

No action required.