

LER 82-035/01T-1
Yankee Atomic Electric Company
Yankee-Rowe 50-29

Event Description And Probable Consequences

While in Mode 6 and performing procedure OP-4613, "Reactor Permissive Circuit Calibration and Functional Test", the startup rate bistable setting was found at 17.63 MWe which is out of both procedural and Technical Specification limits as stated in the procedure.

In reviewing the procedural requirements and the associated Technical Specification requirements, it was discovered that the procedure was written to calibrate the bistables contrary to Technical Specification Table 3.3.1.

The At Power Trip Bistable was calibrated to actuate at 15.12 to 16.56 MWe instead of prior to 15 MWe increasing and the startup rate bistable was calibrated to actuate at 12.96 to 14.4 MWe instead of prior to 15 MWe decreasing. This procedural inadequacy has existed since 6/16/77.

It has been determined that the effect of these small changes in the permissive circuit deenergizing/energizing has no impact on the results of the Yankee reference safety analysis. Therefore, there could be no plant operation beyond the assumptions used in the reference safety analysis. There were no adverse consequences to the public health or safety.

Cause Description And Corrective Actions

The cause of this event is attributed to a misinterpretation of the Technical Specification. In turn, this misinterpretation was translated into the procedure to functionally test and calibrate the circuit.

When the error was discovered, steps were immediately implemented to correct it. A minor circuit modification will be implemented to facilitate calibration and the procedure will be revised to ensure that its properly tested and calibrated to satisfy Technical Specification requirements.

Personnel were reminded of the importance of Technical Specifications and that extreme care should be used in their interpretation. No further corrective actions are necessary.