

ATTACHMENT 1

Docket No. 50-286

The Power Authority of
the State of New York

LER 78-031/03L-0

The plant was operating at 100 percent power in the steady state.

On September 12, 1978, the operator noted that T-average for loop No. 1 was steadily decreasing. The RTD was then declared inoperable as per Technical Specification Table 3.5-2. and the Reactor Protection System Trips associated with this channel were placed in the tripped condition. Containment entry was made, and it was observed that manifold stop valve 561A (as referred to in LER 78-030/03L-0) was leaking borated water onto the junction box and cabling for RTD No. TE-410A (Sostman and Company, Part No. 11901B-2).

The resistance of the RTD to ground was determined to be 250,000 ohms. This magnitude of resistance is sufficient to affect RTD reading.

The leak was diverted by wrapping the valve with insulating cloth. The junction box and cabling for the RTD were rinsed with demineralized water and allowed to dry. By the next morning, the resistance to ground was infinite. The T-average channel was functioning properly and was subsequently returned to service.

Performance of the reactor was not affected by this incident. No similar events have been recorded to date.