



ATTACHMENT 1

Docket No. 50-286  
LER 78-034/03L-0

Power Authority of the  
State of New York

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

On October 27, 1978, an increase in the plant vent radio gas monitor was observed. Subsequent investigation showed this to be due to the leakage of the No. 31 charging pump plunger. At this point, pump No. 31 was isolated and secured, and charging pump No. 33 was activated to serve in its place. At all times during the period in which pump No. 31 was out of service, charging pump No. 32 was available and operable, thereby satisfying the requirements of Technical Specification 3.2.B.1.

The plunger and packing for Union Pump (2 7/16X5) QX-300 Quintuplex were subsequently replaced, and charging pump No. 31 was returned to operable state.

The activity release, which escaped through the main stack, was 0.459 curie of noble gas and  $9.36 \times 10^{-6}$  curie of particulate matter and radioiodine. These values are below the limits designated by Technical Specification 2.4.2.f (Appendix B). These limits are 0.5 curie for noble gas and 0.02 curie for radioiodine.

Similar events occurred on April 16, 1978 (LER 78-008/03L-0), September 30, 1977 (R.O.-77-3-14(B) and R.O.-77-3-15(B)) and December 16, 1977 (R.O. 77-3-19(B)). Performance of the reactor was not affected by this incident.