

POWER AUTHORITY OF THE STATE OF NEW YORK
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

DOCKET NO. 50-333

ATTACHMENT TO LER 80-023/03L-0

Page 1 of 1

During normal startup operations, reactor conductivity samples indicated a chloride concentration of 130 ppb compared to a Technical Specification paragraph 3.6.C.2 limit of equal to or less than 100 ppb. A summary of the events is presented below:

<u>DATE / TIME</u>	<u>REMARKS</u>
2/11/80 1915	Chlorides 95 ppb prior to startup.
2/11/80 1950	Commenced reactor startup.
2/11/80 2025	Obtained reactor water sample.
2/11/80 2145	Results of sample taken at 2025 indicated 130 ppb. Discontinued reactor startup (stopped control rod withdrawal).
2/11/80 2150	Obtained reactor water sample.
2/11/80 2237	Results of reactor water sample taken at 2150 indicated 95 ppb chloride. Commenced control rod withdrawal.
2/12/80 0730	Obtained reactor water sample. Chlorides at 55 ppb.

Sample contamination may have contributed to the high results on the sample taken at 2025 February 11, 1980. In addition, only one reactor water cleanup filter demineralizer was in service during the time period just prior to startup and at the time of the high chloride ion concentration. An additional water sample was obtained as indicated above and a second reactor water cleanup filter demineralizer was placed in service to provide assurance that chlorides would be returned to, and maintained within, the limits of Technical Specifications. The event did not represent a significant hazard to the public health and safety.