



ATTACHMENT 1

Docket No. 50-286  
LER-79-012/03L-0

The Power Authority of  
the State of New York

The plant was operating at 79 percent power in the course of a routine shutdown for refueling.

On September 14, 1979, at 0340 hours, the condensate storage tank level dropped below the 360,000 gallon limit designated by Technical Specification 3.4.A(3). The event was caused by normal use of the steam generator blow-down system, combined with limited makeup water from the external water factory. Water from the condensate storage tank is used to make up for the water lost due to steam generator blowdown.

Shutdown continued and the plant was maintained in hot shutdown to complete secondary safety valve testing required by Technical Specifications. RCS cool down subsequently commenced as per normal operating procedures using the atmosphere steam dump system, thereby satisfying the action statement in Section 3.4.B of the Technical Specifications. Since water was being taken from the condensate storage tank, the level was not restored until after the plant was placed on RHR.

Throughout this event city water backup systems were available. In order to prevent similar future events, a demineralized water plant is presently under construction at Indian Point Unit 3. In addition to this, investigation of alternate water sources is underway to serve as a backup system in the event of future water factory failure. Portable demineralizers utilizing fire header or city water have been tested and found to operate satisfactorily.

Performance of the reactor was not affected by this event. Similar events were reported on September 2, 1978 (LER 78-026/03L-0) September 7, 1978 (LER 028/03L-0) March 27, 1979 (LER 79-004/03L-0), August 23, 1979 (LER 79-010/03L-0) and September 2, 1978 (LER 79-011/03L-0).