

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

During normal operation while bringing No. 22 (turbine driven) Auxiliary Feedwater

Pump (AFP) up to operating speed for 12-monthly surveillance testing, the outboard

bearing started to smoke. The pump was removed from service for maintenance (Tech.

Spec. 3.4.A.2). The two motor driven AFP's were operable and maintained redundant

capability for feedwater addition in the event of a loss of normal feedwater flow.

The health and safety of the public were unaffected. No previous events.

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

Inspection of the pump indicated that repacking was required. The Worthington

Corporation Pump Model 4-WT-127 horizontal multi-stage centrifigual pump was repacked

in accordance with manufacturers instructions. The pump was tested successfully and

declared operable within the allowable time period.

8304220391 830407
PDR ADOCK 05000247
S PDR

NRC USE ONLY

ATTACHMENT

Docket 50-247
LER 83-005/03L-0

Consolidated Edison Co. of New York, Inc.
Indian Point Station Unit 2

During normal operation, while bringing No. 22 Auxiliary Feedwater Pump (turbine driven) up to operating speed for Bi-monthly surveillance testing, the outboard bearing/packing housing started to Smoke. The pump was immediately shutdown and removed from service for maintenance (Tech. Spec. 3.4.A.2).

The auxiliary feedwater system supplies high pressure feedwater to the steam generators to maintain a water inventory on the secondary side for removal of decay heat from the reactor coolant system. This system consists of a turbine driven pump (No. 22) and two motor driven pumps (No. 21 and 23). The two motor driven pumps were operable while the No. 22 unit was out of service. Either motor driven pump has sufficient minimum capacity to ensure that adequate feedwater can be supplied to the steam generators for reactor decay heat removal.

The unit is a model 4-WT-127 horizontal, multi-state centrifugal pump manufactured by Worthington Corporation. The bearing/packing housing was inspected and it was determined that the packing required replacement. The pump was repacked in accordance with the manufacturer's instructions. The post maintenance was performed successfully and the pump was declared operable in the time limit allowed in Technical Specification 3.4.B.