



LER NO. 83-04/3X, Rev. 1  
DOCKET NO. 50-318  
LICENSE NO. DPR 69  
EVENT DATE 01-12-83  
REPORT DATE 03-07-83  
ATTACHMENT

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (CONT'D)

During the refueling outage #22 Auxiliary Feedwater Pump Turbine governor was replaced because of a leaking seal oil ring. Following the governor replacement its linkage was not properly adjusted. Although the pump was subsequently started on 150 psig, auxiliary steam and utilized to fill the depressurized steam generators, insufficient steam pressure was available to demonstrate that the pump was capable of delivering the required flow to the steam generators at their 900 psig normal operating pressure. Following plant heatup, sufficient steam pressure was available to conduct a full operational test. At that time it was discovered that #22 auxiliary feedwater pump failed to develop sufficient discharge pressure to feed the steam generators. Our inability to adequately test all facets of AFW pump operation at low temperature and pressure is recognized by the Technical Specifications which only requires performance of such tests prior to entry into Mode 1. However, we will continue our current practice of testing the pumps to the extent possible on low pressure steam prior to entry into Mode 3. Although such testing failed to disclose the improperly adjusted governor linkage in this instance, it was sufficient to disclose most problems which could impair pump operability. Additionally, since this event, a third motor driven auxiliary feedwater train has been declared operational. The motor driven pump can be proven fully operable prior to entering Mode 3.