



Attachment

Licensee Event Report 83-012/03L-0

During the Startup Test Program, the "A" Reactor Recirculation Pump tripped due to a blown fuse in the generator field. Approximately 8 hours later, while attempting to restart the "A" pump the replaced fuse blew again. Both cases resulted in entrance into Specification 3.4.1.1 action a, which is reportable per 6.9.1.9.b. There were no adverse consequences, in that, the pump was operable before shutdown was required.

After the first fuse failure, the circuitry was checked for shorts and grounds. No defects were found, the fuse was replaced, and the pump returned to service. Upon determination that the pump would not restart, a review was made by the electrical test and maintenance personnel. To accurately troubleshoot the problem, which appeared to be intermittent, it was determined the pump should be placed inservice while the electrical parameters were monitored. The fuse was again replaced, and upon attempting to restart the pump, the fuse blew.

During the circuit check following the second failure, the fault was traced to a defective transformer which had a shorted secondary. A new transformer was installed after being tested and the pump was declared operable and was returned to service. During the preparation of this LER, two additional recirculation pump trips occurred, one of which is reportable. Upon completion of the resolution, a revision to this LER will be submitted.

The transformer replacement was performed under the Work Authorization program. Future failures will be noted on this tracking system and excessive similiar failures will initiate a further review.