

LER 325/82-069

Event Description: Scram with RCIC Inoperable

Date of Event: July 15, 1982

Plant: Brunswick 1

Summary

Brunswick Unit 1 was operating at approximately 55% power when a system operability test was performed on the reactor core isolation cooling (RCIC) system. When the RCIC turbine was started, it immediately tripped on high exhaust pressure. The ultimate cause of the trip was attributed to a control circuit design error. There was a scram five days prior to the RCIC failure, and RCIC was presumably inoperable at the time of the scram. The conditional core damage probability estimated for the event is 3.3×10^{-6} .