



ATTACHMENT TO LER 83-007

R11/R12 Monitor Misalignment Following Venting

Description of Occurrence:

On March 7, 1983, the Containment was vented in order to maintain the Containment pressure below the Tech Spec limit of 2.0 psig. During venting, R11/R12 is lined up to monitor the vent path. Subsequent to the venting operation, R11/R12 was not returned to the containment monitoring position. A subsequent shift check (SP 87-125) did not catch the misalignment and therefore, the 12 hour time limit allowed by T.S. 3.1.d.5 was exceeded. The misalignment was found and corrected on the following morning, March 8, 1983, at about 8:00 a.m.

Safety Considerations:

During the period of time (approximately 17 hours) that R-11 and R-12 was lined up to the vent path instead of containment, there was not a radiation sensitive leak detection system, sensitive to low leak rates available. There were however, several other available leak detection systems sensitive to RCS leakage in Containment, thus minimizing the significance of the loss of R-11 and R-12. The systems available were: containment sump indication, humidity detection, mass balance indication (charging versus letdown), and containment area monitoring. In addition, a grab sample was taken on the evening of March 7th which did not reveal any unusual activity.

Tech Spec surveillance requirements also require the containment air particulate monitor and radiogas monitor to continuously sample containment while the reactor is in operation. Continuous sampling would ensure prompt detection of RCS leakage in containment. With R-11 and R-12 unknowingly out of service, alternate monitoring was not put in service. However, with the above leak detection systems in service, any significant leakage should have been detected promptly.

Corrective Actions:

Immediate corrective action taken was to realign R-11 and R-12 to the containment. In addition, each of the shift supervisors reviewed with their shifts the importance of closely monitoring control board indications and performing shift surveillance SP 87-125.

Long term corrective action will be to review and revise SP 32B-116 to be more compatible with Operating Procedure N-RBV-18B and to include check off's for placing R-11 and R-12 back in alignment with containment. Other release permits will be reviewed for similar upgrading.