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 AUTH. NAME AUTHOR AFFILIATION
 SAGER, D.A. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 Document Control Branch (Document Control Desk)

SUBJECT: Special rept: on 930307, SG blowdown treatment facility bldg
 exhaust sys radiation monitor failed functional test &
 declared inoperable. Monitor out of svc for more than 72 h
 due to repair problems. Detector repaired & placed in svc.

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March 22, 1993

L-93-073

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555

Re: St. Lucie Units 1 and 2
Docket Nos. 50-335 and 50-389
Special Report
Date of Event: March 7, 1993
Steam Generator Blowdown Treatment Facility Building Exhaust
System Radiation Monitor Out of Service

The attached Special Report is being submitted pursuant to the requirements of St. Lucie Technical Specification 3.3.3.1. This report provides notification that a Steam Generator Blowdown Treatment Facility Building Exhaust System Radiation Monitor has been out of service for greater than seventy two hours.

Very truly yours,

DA Sager

D. A. Sager
Vice President
St. Lucie Plant

DAS/JWH/kw

Attachment

cc: Stewart D. Ebnetter, Regional Administrator, USNRC Region II
Senior Resident Inspector, USNRC, St. Lucie Plant

DAS/PSL #883-93

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NRC SPECIAL REPORT

Pursuant to Unit 1 and Unit 2 Technical Specification 3.3.3.1, this 14 day Special Report is generated to notify the NRC of an inoperable Steam Generator Blowdown Treatment Facility Building Exhaust System Radiation monitor.

On March 7, 1993, a Chemistry Technician performed a monthly functional check of RM-45-1, Steam Generator Blowdown Treatment Facility Building Exhaust System Radiation Monitor. The radiation monitor failed its functional check and was declared inoperable by Operations at 0015.

Instrumentation and Controls personnel immediately began troubleshooting Radiation Monitor 45-1 and discovered that its scintillation detector had failed. A new detector was installed, but efforts to restore the monitor were delayed by the discovery of damaged coaxial cables for a power supply and input signal line.

Action Statement 15 of Tech Spec 3.3.3.1 requires the monitor to be restored to operable status within 72 hours, or that a preplanned alternate method of sampling be initiated and a Special Report be submitted. Since the 72 hour requirement was nearing completion, a portable radiation monitor was installed as an alternate method of sampling. This portable monitor was mounted on a movable skid and had the same function as the existing monitor. The process lines and alarm functions were rerouted to the portable monitor and this monitor was subsequently declared operable at 1600 on March 9, 1993. Technical Specification 3.3.3.10 allows this effluent pathway to remain in service for up to 30 days when monitored by alternate sampling equipment.

On 12 March, 1993, Instrumentation & Controls personnel completed repairs on the detector. These repairs included replacement of the scintillation detector and the two degraded coaxial cables. The detector's performance was monitored for several days, and the detector was placed back in service on 15 March, 1993. The alternate sampling equipment was then removed.