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United States Nuclear Regulatory Commission
ATTENTION: Document Control Desk
Washington, DC 20555

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261/LICENSE NO. DPR-23
REVISED TECHNICAL SPECIFICATION PAGES -
RADIATION MONITORS

Gentlemen:

On October 19, 1990, Carolina Power & Light Company requested a revision to the Technical Specifications (TS) for the H. B. Robinson Steam Electric Plant, Unit No. 2. The proposed TS changes are required as a result of plant modifications which remove, modify and install radiation detection equipment related to the plant vent system. Some administrative inconsistencies on the revised TS pages were recently identified by Ms. Pat Anderson of your staff. Please find enclosed the corrected retyped, amendment bar pages for your convenience in issuance of the proposed TS change.

Please refer any questions regarding this submittal to Mr. Jan S. Kozyra at (919) 546-7924.

Yours very truly,

Leonard I. Loflin
Manager
Nuclear Licensing Section

LIL/lmr (RMPS)

Enclosure

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ENCLOSURE 1

H. B. ROBINSON STEAM ELECTRIC PLANT
DOCKET NO. 50-261/LICENSE NO. DPR-23
RETYPE TECHNICAL SPECIFICATION PAGES
RADIATION MONITORS

TABLE 3.5-7 (Continued)

RADIOACTIVE GASEOUS EFFLUENT MONITORING INSTRUMENTATION

Release Pathway/Instrumentation	MCO*	Required Action
3. Containment Vessel Via Plant Vent (Continued)		b. Effluent releases via this pathway may continue provided that the Plant Vent Radionoble Gas Monitor (R14C) is operable; otherwise, suspend all releases via this pathway.**
b. Radioparticulate Monitor (RMS-11) provides automatic termination of containment vessel releases exceeding alarm/trip setpoints	1	With the number of channels operable less than the MCO requirement: a. Exert best efforts to return the instruments to operable status within 30 days and, if unsuccessful, explain in the next Semiannual Radioactive Effluent Release Report why the inoperability was not corrected in a timely manner in accordance with Specification 6.9.1.d and, b. Effluent releases via this pathway may continue provided that the Plant Vent Radionoble Gas Monitor (R14C) is operable; otherwise, suspend all releases via this pathway.**
c. Sampler flow rate monitor (RMS-11)	1	With the number of channels operable less than the MCO requirement: a. Exert best efforts to return the instruments to operable status within 30 days and, if unsuccessful, explain in the next Semiannual Radioactive Effluent Release Report why the inoperability was not corrected in a timely manner in accordance with Specification 6.9.1.d and, b. Effluent releases via this pathway may continue provided that the flow rate is estimated once per 4 hours.
4. Deleted		

* MCO - Minimum Channels Operable

** For one time only during Refueling Outage 13 with no fuel in the containment and containment integrity not required, effluent releases via this pathway may continue with RMS-14 and RMS-34 inoperable, provided that grab samples of the containment vessel atmosphere are taken once per 12 hours and analyzed for radionoble gases within 24 hours.

TABLE 3.5-7 (Continued)

RADIOACTIVE GASEOUS EFFLUENT MONITORING INSTRUMENTATION

Release Pathway/Instrumentation	MCO*	Required Action
5. Fuel Handling Building Lower Level Exhaust Vent		
a. Radionoble gas monitor (RMS-20)	1	<p>With the number of channels operable less than the MCO requirement:</p> <p>a. Exert best efforts to return the instruments to operable status within 30 days and, if unsuccessful, explain in the next Semi-annual Radioactive Effluent Release Report why the inoperability was not corrected in a timely manner in accordance with Specification 6.9.1.d and,</p> <p>b. Effluent releases via this pathway may continue provided that grab samples are taken once per 12 hours and analyzed for radionoble gases within 24 hours.</p>

3.5-28

Amendment No.

* MCO - Minimum Channels Operable

TABLE 4.10-2 (Continued)

TABLE NOTATION

- a. Lower Limit of Detection (LLD) is an "a priori" limit representing the capability of a measurement system. LLD is calculated in accordance with methodology established in the ODCM and Table 4.10-1, Note a.
- b. Containment pressure reliefs and purges can be made during the week without sampling by correcting the weekly sample analysis results with the ratio of the Containment Radionoble Gas Monitor (RMS-12) and the Containment Particulate Monitor (RMS-11) readings at the time of sampling to the desired time of the pressure relief.
- c. The principal gamma emitters for which the LLD specification applies exclusively are the following radionuclides: Kr-87, Kr-88, Xe-133, Xe-133m, Xe-135, and Xe-138 for gaseous emissions I-131 for halogen emissions, and Mn-54, Fe-59, Co-58, Co-60, Zn-65, Mo-99, Cs-134, Cs-137, Ce-141, and Ce-144 for particulate emissions. This list does not mean that only these nuclides are to be detected and reported. Other peaks which are measureable and identifiable, together with the above nuclides, shall also be identified and reported.
- d. The ratio of the sample flow rate to the sampled stream flow rate shall be known for the time period covered by each dose or dose rate calculation.
- e. Sampling and analysis shall also be performed following shutdown, startup, or a power change exceeding 15 percent of rated power within one hour unless (1) analysis shows that the dose equivalent I-131 concentration in the primary coolant has not increased more than a factor of 3; and (2) the noble gas activity monitor shows that effluent activity has not increased by more than a factor of 3.