ATTACHMENT 2

PEACH BOTTOM ATOMIC POWER STATION
UNITS 2 AND 3

Docket Nos. 50-277
50-278

License Nos. DPR-44
DPR-56

TECHNICAL SPECIFICATION CHANGE REQUEST
No. 92-13

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TABLE 3.2.F (Cont'd) - SURVEILLANCE INSTRUMENTATION

Item	Minimum No. of Operable Instrument Channels	Parameter	Instrument	Type Indication and Range	Action*
11	2	Suppression Chamber Water Level (wide range)	LR-8(9)123A, B	Recorder 1-21 ft.	(10) (11)
12	1	Control Rod Position	N/A	28 Volt Indicating Lights	(1) (2) (3) (4)
13	1	Neutron Monitoring	N/A	SRM, IRM, LPRM, 0-100%	
14	1	Safety-Relief Valve Position Indication	POAM-2(3)-2-71A-L TE-2(3)-2-113A-L	Acoustic or Thermocouple	(5)
15	2	Drywell High Range Radiation Monitors	RR-8(9)103A, B	Recorder 1-1E(+8) R/hr	(7)
16	1	Main Stack High Range	RR-7127 (Green Pen)	Recorder 1.4e(-2) to 1.4E(+4)uCl/cc	(7)
17	1	Reactor Building Roof Vent High Range Radiation Monitor	RR-7127 (Red Pen U/2) RR-7127 (Blue Pen U/3)	Recorder 1.4E(-2) to 1.4E(+4)uCl/cc	(7)
18	2	Drywell Hydrogen Concentration Analyzer and Monitor	3AC872, 3BC872 XR-90411A, XR-90411B	Analyzer and Recorder 0-30% volume	(1) (2) (3)

* Notes for Table 3.2.F appear on pages 78 and 78a.

LIMITING CONDITIONS FOR OPERATION	SURVEILLANCE REQUIREMENTS
3.7.A Primary Containment	4.7.A Primary Containment
6. Containment Atmosphere Dilution	6. Containment Atmosphere Dilution
a. Whenever either reactor is in power operation, the Post-LOCA Containment Atmosphere Dilution System must be operable and capable of supplying nitrogen to either Unit 2 or Unit 3 containment for atmosphere dilution if required by post-LOCA conditions. If this specification cannot be met, the system must be restored to an operable condition within 30 days or both reactors must be taken out of power operation.	a. The post-LOCA containment atmosphere dilution system shall be functionally tested once per operating cycle.
b. Whenever either reactor is in power operation, the post-LOCA Containment Atmosphere Dilution System shall contain a minimum of 2500 gallons of liquid nitrogen. If this specification cannot be met, the minimum volume will be restored within 30 days or both reactors must be taken out of power operation.	b. The level in the liquid nitrogen storage tank shall be verified in accordance with Specification 4.7.E.3.a.
c. Whenever the reactor is in power operation, there shall be at least one CAD system oxygen analyzer serving the drywell and one CAD system oxygen analyzer serving the suppression chamber on that reactor. If this specification cannot be met,	

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a. Whenever either reactor is in power operation, the Post-LOCA Containment Atmosphere Dilution System must be operable and capable of supplying nitrogen to either Unit 2 or Unit 3 containment for atmosphere dilution if required by post-LOCA conditions. If this specification cannot be met, the system must be restored to an operable condition within 30 days or both reactors must be taken out of power operation.	a. The post-LOCA containment atmosphere dilution system shall be functionally tested once per operating cycle.
b. Whenever either reactor is in power operation, the post-LOCA Containment Atmosphere Dilution System shall contain a minimum of 2500 gallons of liquid nitrogen. If this specification cannot be met, the minimum volume will be restored within 30 days or both reactors must be taken out of power operation.	b. The level in the liquid nitrogen storage tank shall be verified in accordance with Specification 4.7.E.3.a.
c. Whenever the reactor is in power operation, there shall be 2 analyzers operable to monitor oxygen concentration in the containment atmosphere. There shall be 2 channels operable to monitor drywell oxygen concentration and 2 channels operable to monitor torus oxygen concentration. With only 1 channel operable to monitor drywell oxygen concentration or with only 1 channel operable to monitor torus oxygen concentration, restore the inoperable channel(s) to operable status within 7 days or be in at least Hot Shutdown within the next 12 hours.	

LIMITING CONDITION FOR OPERATION	SURVEILLANCE REQUIREMENTS
3.7.A.6.c (Cont'd) With no channels operable to monitor drywell oxygen concentration or no channels operable to monitor torus oxygen concentration, restore the inoperable channel(s) to operable status within 48 hours or be in at least Hot Shutdown within the next 12 hours.	4.7.A.6 (Cont'd) c. The analyzers shall be tested for channel check once per month and shall have channel calibration once per 3 months. The atmospheric analyzing system shall be functionally tested once per operating cycle in conjunction with the specification 4.7.A.6.a.
d. Technical Specification requirements for hydrogen are detailed separately in Table 3.2.F/4.2.F.	
e. A 30 psig limit is the maximum containment repressurization allowable using the CAD system. Venting via the SBGT system to this stack must be initiated at 30 psig following the initial peak pressure at 49.1 psig.	

3.7.A & 4.7.A BASES (Cont'd)

periodic testing of the system is required. Twice weekly operation of the containment oxygen analyzer that is associated with the containment inerting makeup system is sufficient to insure its readiness. Reliance on that oxygen analyzer for this purpose of post-LOCA oxygen measurement will terminate when the CAD system is operable.

The Post-LOCA Containment Atmosphere Dilution system design basis and description are presented in Question 14.6 of the FSAR. In summary, the limiting criteria, based on the assumptions of Safety Guide 7, are:

1. Maintain oxygen concentration in the containment during post-LOCA conditions to less than 5% Volume.

2. Limit the buildup in the containment pressure due to nitrogen addition to less than 30 psig.

3. To limit the offsite dose due to containment venting (for pressure control) to less than 30 Rem to the thyroid.

By maintaining at least a 7-day supply of nitrogen on site, there will be sufficient time after the occurrence of a LOCA for obtaining additional nitrogen supply from local commercial sources which have been discussed in Question 14.6 of the FSAR. The system design contains sufficient redundancy to ensure its reliability. Thus, it is sufficient to test the operability of the whole system once per operating cycle. Two analyzers are provided to monitor the containment for hydrogen and oxygen during normal operation and post-LOCA operation. Each analyzer contains a channel to monitor the drywell and a channel to monitor the torus during post-LOCA operation. Each analyzer is also provided with two sample pumps. Only one pump is required for analyzer operation. The LCOs and surveillance requirements for operation in the CAD system are in accordance with Standard Technical Specifications (NUREG-0123, Revision 3). The Technical Specification requirements for hydrogen are detailed separately in Tables 3.2.F/4.2.F.