

ATTACHMENT

The following attached Technical Specification pages should be substituted for the corresponding pages submitted via TSCR No. 185:

Revised Page: 4.1-8

New Page: 4.13-2

C3212041

9101020294 901221  
FDR ADOCK 05000219  
F PDR

TABLE 4.1.1  
(cont'd)

<u>Instrument Channel</u>	<u>Check</u>	<u>Calibrate</u>	<u>Test</u>	<u>Remarks (Applies To Test and Calibration)</u>
27. Scram Discharge Volume (Rod Block)				
a) Water level high	N/A	1/20	Every 3 months	By varying level in switch column
b) Scram Trip bypass	N/A	N/A	Each re-fueling outage	
28. Loss of Power				
a) 4.16 KV Emergency Bus Undervoltage (Loss of voltage)	Daily	1/24 mos.	1/mo.	
b) 4.16 KV Emergency Bus Undervoltage (Degraded Voltage)	Daily	1/24 mos.	1/mo.	
29. Drywell High Radiation	N/A	Each re-fueling outage	Each re-fueling outage	

\* Calibrate prior to startup and normal shutdown and thereafter check 1/s and test 1/wk until no longer required.

Legend: N/A = Not Applicable; 1/s = Once per shift; 1/d = Once per day; 1/3d = Once per three days; 1/wk = Once per week  
1/3 mo = Once every 3 months; 1/18 mos. = Once every 18 months, 1/24 = Once per 24 months;  
1/20 = Once per 20 months

The following notes are only for Item 15 of Table 4.1.1:

A channel may be taken out of service for the purpose of a check, calibration, test or maintenance without declaring the channel to be inoperable.

a. The channel functional test shall also demonstrate that control room alarm annunciation occurs if any of the following conditions exists:

- 1) Instrument indicates measured levels above the alarm setpoint.
- 2) Instrument indicates a downscale failure.
- 3) Instrument controls not set in operate mode.
- 4) Instrument electrical power loss.

TABLE 4.13-1

ACCIDENT MONITORING INSTRUMENTATION SURVEILLANCE REQUIREMENTS

<u>INSTRUMENT</u>	<u>CHANNEL CHECK</u>	<u>CHANNEL CALIBRATION</u>
1. Primary and Safety Valve Position Indicator (Primary Detector*)	A	B
Relief and Safety Valve Position Indicator (Backup Indications**)	A	B
Relief Valve Position Indicator (Common Header Temperature Element**)	C	B
2. Wide Range Drywell Pressure Monitor (PT/PR 53 & 54)	A	D
3. Wide Range Torus Water Level Monitor (LT/LR 37 & 38)	A	D
4. Drywell H <sub>2</sub> Monitor	A <sup>1</sup>	E
5. Containment High Range Radiation Monitor	A	F***
6. High Range Radioactive Noble Gas Effluent Monitor		
a. Main Stack	A	G
b. Turbine Building Vent	A	G

## Legend:

- A = at least once per 31 days;  
 B = at least once per 18 months (550 days)  
 C = at least once per 15 days until channel calibration is performed and thence at least once per 31 days  
 D = at least once per 6 months  
 E = at least once per 12 months  
 F = each refueling outage  
 G = once per 20 months  
 1 = Span and Zero using calibration gases

\* Acoustic Monitor

\*\* Thermocouple

\*\*\* Channel calibration shall consist of electronic signal substitution of the channel, not including the detector, for all decades above 10R/hr and a one point calibration check of the detector at or below 10R/hr by means of a calibrated portable radiation source traceable to NBS.