

TABLE 3.5-5
(THIS TABLE APPLIES WHEN THE RCS IS > 350°F)
INSTRUMENTATION TO FOLLOW THE COURSE OF AN ACCIDENT

NO.	INSTRUMENT	1 MINIMUM CHANNELS OPERABLE	2 OPERATOR ACTION IF CONDITIONS OF COLUMN 1 CANNOT BE MET
			See Item 9 Table 3.5-2
1	Pressurizer Level	2	Note 1
2	Auxiliary Feedwater Flow Indication (Primary Indication) SD AFW Pump MD AFW Pump	1 per S/G 1 per S/G	Note 2
3	Reactor Coolant System Subcooling Monitor	1	Note 3
4	PORV Position Indicator (Primary)	1	Note 3
5	PORV Blocking Valve Position Indicator (Primary)	1	Note 3
6	Safety Valve Position Indicator (Primary)	1	Note 3
7	Noble Gas Effluent Monitors ***** a. Main Steam Line b. Main Vent Stack High Range Mid Range c. Spent Fuel Pit-Lower Level High Range	1 per steamline 1 1 1	Note 4 Note 4 Note 4 Note 4
8	CV High Range Radiation Monitor *****	2	Note 5
9	CV Level (Wide Range) *	2	Note 5
10	CV Pressure (Wide Range) **	2	Note 6
11	CV Hydrogen Monitor ***	1	
* Containment Water Level Monitor - NUREG-0737 Item II.F.1.5 ** Containment Pressure Monitor - NUREG-0737 Item II.F.1.4 *** Containment Hydrogen Monitor - NUREG-0737 Item II.F.1.6 **** Containment High-Range Radiation Monitor - NUREG-0737 Item II.F.1.3 ***** Noble Gas Effluent Monitors - NUREG-0737 Item II.F.1.1			

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Amendment No.

TABLE 3.5-5 (continued)
(THIS TABLE APPLIES WHEN THE RCS IS > 350°F)
INSTRUMENTATION TO FOLLOW THE COURSE OF AN ACCIDENT

<u>NO.</u>	<u>INSTRUMENT</u>	1 MINIMUM CHANNELS <u>OPERABLE</u>	2 OPERATOR ACTION IF CONDITIONS OF COLUMN 1 CANNOT <u>BE MET</u>
12	Reactor Vessel Level Instrumentation System (RVLIS)	1	Note 4
13	Incore Thermocouples (T/C)	2 T/Cs per core quadrant	Note 4

3.5-18a

Amendment No.

TABLE 4.1-1 (Continued)

MINIMUM FREQUENCIES FOR CHECKS, CALIBRATIONS AND TEST OF INSTRUMENT CHANNELS

<u>Channel Description</u>	<u>Check</u>	<u>Calibration</u>	<u>Test</u>	<u>Remarks</u>
b. Main Vent Stack				
High Range	D	R	Q	
Mid Range	D	R	Q	
c. Spent Fuel Pit-Lower Level				
High Range	D	R	Q	
39. Steam/Feedwater Flow Mismatch	N.A.	R	M	
40. Low Steam Generator Water Level	N.A.	R	M	
41. CV Level (Wide Range)+	M	R	R	
42. CV Pressure (Wide Range)++	M	R	R	
43. CV Hydrogen Monitor+++	M	R	R	
44. CV High Range Radiation Monitor++++	M	R#	R	
45. RCS High Point Vents	N.A.	N.A.	R	

+ Containment Water Level Monitor - NUREG-0737 Item II.F.1.5

++ Containment Pressure Monitor - NUREG-0737 Item II.F.1.4

+++ Containment Hydrogen Monitor - NUREG-0737 Item II.F.1.6

++++ Containment High-Range Radiation Monitor - NUREG-0737 Item II.F.1.3

Calibration performed in accordance with CP&L's letter dated April 28, 1982; S. R. Zimmerman to S. A. Varga

S - At least once per 12 hours

D - At least once per 24 hours

W - At least once per 7 days

B/W - At least once per 14 days

M - At least once per 31 days

Q - At least once per 92 days

S/U - Prior to each reactor startup if not performed in the previous seven (7) days

R - At least once per 18 months

N.A. - Not applicable

TABLE 4.1-1 (Continued)

MINIMUM FREQUENCIES FOR CHECKS, CALIBRATIONS AND TEST OF INSTRUMENT CHANNELS

<u>Channel Description</u>	<u>Check</u>	<u>Calibration</u>	<u>Test</u>	<u>Remarks</u>
46. Reactor Vessel Level Instrumentation System (RVLIS)	M	R	N.A.	
47. Incore Thermocouples	M	R	N.A.	

4.1-9a

Amendment No.