1.0 DEFINITIONS (cont'd)

component, or device to perform its function are also capable of performing their related support function.

Operating - Operating means that a system or component is performing its intended functions in its required manner.

Operating Cycle - Interval between the end of one refueling outage for a particular unit and the end of the next subsequent refueling outage for the same unit.

Primary Containment Integrity - Primary containment integrity means that the drywell and pressure suppression chamber are intact and all of the following conditions are satisfied:

1. All primary containment penetrations required to be closed during accident conditions are either:

   a) Capable of being closed by an OPERABLE containment automatic isolation valve system, or

   b) Closed by at least one manual valve, blind flange, or deactivated automatic valve secured in its closed position, except as may be provided in Specifications 3.7.D.2 and 4.7.D.2. Manual valves may be opened to perform necessary operational activities.

2. At least one door in each airlock is closed and sealed.

3. All blind flanges and manways are closed.

Protective Action - An action initiated by the protection system when a limit is reached. A protective action can be at a channel or system level.

Protective Function - A system protective action which results from the protective action of the channels monitoring a particular plant condition.

Rated Power - Rated power refers to operation at a reactor power of 3,293 MWt; this is also termed 100 percent power and is the maximum power level authorized by the operating license. Rated steam flow, rated coolant flow, rated neutron flux, and rated nuclear system pressure refer to the values of these parameters when the reactor is at rated power.

TABLE 3.2.B (CONTINUED)

INSTRUMENTATION THAT INITIATES OR CONTROLS THE CORE AND CONTAINMENT COOLING SYSTEMS

Minimum No. Of Operable Instrument Channels Per Trip System(1)	Trip Function	Trip Level Setting	Number of Instrument Channels Provided by Design	Remarks
2	Core Spray Pump Start Timer	6 ± 1 sec 10 ± 1 sec	4 timers 4 timers	In conjunction with loss of power initiates the starting of CSCS pumps.
2	LPCI Pump Start Timer (Two Pumps)	5 ± 1 sec	4 timers	
1	Auto Blowdown Timer	90 ≤ t ≤ 120	2 timers	In conjunction with Low Reactor Water Level, High Drywell Pressure and LPCI or Core Spray Pump running interlock, initiates Auto Blowdown.
2	RHR (LPCI) Pump Discharge Pressure Interlock	50 ± 10 psig	4 channels	Defers ADS actuation pending confirmation of Low Pressure Core Cooling system operation (LPCI Pump running interlock.)
2	Core Spray Pump Discharge Pressure Interlock	185 ± 10 psig	4 channels	Defers ADS actuation pending confirmation of Low Pressure Core cooling system operation (Core Spray Pump running interlock.)

TABLE 3.14.C.1

FIRE DETECTORS

Location	Detector Type/ Designation(1)	Minimum Detectors Operable
UNIT 2		
Primary Containment (2)(3)	S1, S2, S8	3
CRD Area (135') Rms. 208, 209, 212	S7A, S8A, S9A,S10A S11A,S12A,S13A,S14A S15A,S16A,S17A,S18A S19A,S20A	13
Isol. Valve Compt.(135')Rm.204	S21A	1
Operating Area(165')Rm.402,403	S31A,S32A,S33A,S34A S35A,S36A,S37A,S38A S39A,S40A,S41A,S42A S43A	12
Laydown Area(195')Rm.501,502 508	S45A,S46A,S47A,S48A S49A,S50A,S51A,S52A	7
Vent.Equip.Area(195')Rm.506	S53A, S54A	2
Vent Stack Rad. Mon.-Refuel floor (234')	S58A, S59A	2
HPCI Room	S78 H5, H6, H7	1 (See 3.14.B.1.c)
RCIC Room	S45, S46	2
Reactor Bldg. Sump Area	S79	1
Core Spray Pump Rooms	S41, S42, S43, S44	4
Vac. Breaker Area-Rm. 107,108	S91, S92, S93	3
RHR Rooms		
Room 101	S30, S31, S32	3
Room 102	S33, S34, S35	3
Room 103	S36, S37, S38	3
Room 104	S39, S40	2
Torus Area	S83,S84,S85,S86 S87,S88,S89,S90	7
M-G Set Lube Oil Rm (Rm 105)	S94,S95,S96,S97,S98	4

TABLE 3.14.C.1

FIRE DETECTORS

Location	Detector Type/ Designation(1)	Minimum Detectors Operable
Recirc. Pump MG Set Room	S15, S16, S17 S18, S19, S20	5
Emerg. Switchgear Rooms	S11, S12, S13, S14	4
Battery Rooms		
Room 218	S70, S71	2
Room 225	S68, S69	2
13KV Switchgear Area (116')	S72, S73, S74	3
HPSW Pump Room	S390	1
UNIT 3		
Primary Containment (2)(3)	S103, S104, S106	3
CRD Area (135') Rms. 250 252, 257	S166,S167,S168,S169 S170,S171,S172,S173 S174,S175,S176,S177 S178,S179	13
Isol. Valve Compt. (135') Rm 249	S181	1
Operating Area (165') Rm. 443, 444	S182,S183,S184,S185 S186,S187,S188,S189 S190,S191,S192,S193 S194	12
Laydown Area (195') Rm. 517, 518, 523	S196,S197,S198,S199 S103A,S104A,S105A,S106A	7
Vent. Equip Area (195') Rm. 520	S107A, S108A	2
Vent Stack Rad. Mon.-Refuel floor (234')	S109A, S110A	2
HPCI Room	S148 H115, H116, H117	1 (See 3.14.B.1.c)
RCIC Room	S131, S132	2
Reactor Bldg. Sump Area	S149	1

6.13 High Radiation Area

6.13.1 In lieu of the "control device" or "alarm signal" required by paragraph 20.203(c)(2) of 10 CFR 20:

a. Each High Radiation Area in which the intensity of radiation is greater than 100 mrem/hr but less than 1000 mrem/hr shall be barricaded and conspicuously posted as a High Radiation Area and entrance thereto shall be controlled by issuance of a Radiation Work Permit. Any individual or group of individuals permitted to enter such areas shall be provided with or accompanied by one or more of the following:

1. A radiation monitoring device which continuously indicates the radiation dose rate in the area.

2. A radiation monitoring device which continuously intergrates the radiation dose rate in the area and alarms when a preset integrated dose is received. Entry into such areas with this monitoring device may be made after the dose rate levels in the area have been established and personnel have been made knowledgeable of them.

3. An individual qualified in radiation protection procedures who is equipped with a radiation dose rate monitoring device. This individual shall be responsible for providing positive control over activities within the area and shall perform periodic radiation surveillance at the frequency specified by the plant Health Physicist or his designee on the Radiation Work Permit.

b. Each High Radiation Area in which the intensity of radiation is greater than 1000 mrem/hr shall be subject to the provisions of 6.13.1 (a) above. In addition, locked doors shall be provided to prevent unauthorized entry into such areas and the keys shall be maintained under the administrative control of the Shift Superintendent, the Shift Supervisor or the Senior Health Physicist.