ENCLOSURE 2

REVISED CRYSTAL RIVER 3 TECHNICAL SPECIFICATIONS

TABLE 3.3-3 (Cont'd)

ENGINEERED SAFETY FEATURE ACTUATION SYSTEM INSTRUMENTATION

FUNCTIONAL UNIT	TOTAL NO. OF CHANNELS	CHANNELS TO TRIP	MINIMUM CHANNELS OPERABLE	APPLICABLE MODES	ACTION
3. REACTOR BLDG. SPRAY					
a. Reactor Bldg. Pressure High-High coincident with HPI Signal	3	2	2	1, 2, 3	12
b. Automatic Actuation Logic	2	1	2	1, 2, 3	10
4. OTHER SAFETY SYSTEMS					
a. Reactor Bldg. Purge Exhaust Duct Isolation on High Radioactivity					
Gaseous	1	1	1	1, 2, 3, 4	11#

TABLE 3.3-4 (Cont'd)

ENGINEERED SAFETY FEATURE ACTUATION SYSTEMS INSTRUMENTATION TRIP SETPOINTS

FUNCTIONAL UNIT	TRIP SETPOINT	ALLOWABLE VALUES
3. REACTOR BLDG. SPRAY		
a. Reactor Bldg. Pressure High-High coincident with HPI Signal	< 30 psig See 1.a.2, 3, 4	< 30 psig See 1.a.2, 3, 4
b. Automatic Actuation Logic	Not Applicable	Not Applicable
4. OTHER SAFETY SYSTEMS		
a. Reactor Bldg. Purge Exhaust Duct Isolation on High Radioactivity		
Gaseous		Not Applicable
b. Steam Line Rupture Matrix		
1. Low SG Pressure	> 600 psig	> 600 psig
2. Automatic Actuation Logic	Not Applicable	Not Applicable

*Determined by requirements of Appendix "B" section 2.4.2 - Crystal River 3 Operating License NO. DPR-72.

TABLE 3.3-6

RADIATION MONITORING INSTRUMENTATION

INSTRUMENT	MINIMUM CHANNELS OPERABLE	APPLICABLE MODES	ALARM/TRIP SETPOINT	MEASUREMENT RANGE	ACTION
1. AREA MONITORS					
a. Fuel Storage Pool Area					
i. Criticality Monitor	1	*	< 15 mR/hr	10^{-1} - 10^{4} mR/hr	14
2. PROCESS MONITORS					
a. Fuel Storage Pool Area					
i. Gaseous Activity - Ventilation System Isolation	1	**	< 2 x background	10^{1} - 10^{6} cpm	16
b. Reactor Building					
i. Gaseous Activity -					
a) Purge Exhaust Duct Isolation	1	6	***	10^{1} - 10^{6} cpm	17
b) RCS Leakage Detection	1	1, 2, 3 & 4	Not Applicable	10^{1} - 10^{6} cpm	15
ii. Iodine Activity -					
RCS Leakage Detection	1	1, 2, 3 & 4	Not Applicable	10^{1} - 10^{6} cpm	15

* With fuel in the storage pool or building
** With irradiated fuel in the storage pool
*** Determined by requirements of Appendix "B" section 2.4.2 - Crystal River 3 Operating License NO. DPR-72

TABLE 4.3-2 (Cont'd)

ENGINEERED SAFETY FEATURE ACTUATION SYSTEMS INSTRUMENTATION SURVEILLANCE REQUIREMENTS

FUNCTIONAL UNIT	CHANNEL CHECK	CHANNEL CALIBRATION	CHANNEL FUNCTIONAL TEST	MODES IN WHICH SURVEILLANCE REQUIRED
3. REACTOR BLDG. SPRAY				
a. Reactor Bldg. Pressure High-High coincident with HPI Signal	S	R	M(4)	1, 2, 3
b. Automatic Actuation Logic	N/A	N/A	M(3)	1, 2, 3
4. OTHER SAFETY SYSTEMS				
a. Reactor Bldg. Purge Exhaust Duct Isolation on High Radioactivity				
1. Gaseous	S	Q	M	All Modes
b. Steam Line Rupture Matrix				
1. Low SG Pressure	N/A	R	N/A	1, 2, 3
2. Automatic Actuation Logic	N/A	N/A	M(3)	1, 2, 3

TABLE 4.3-3

RADIATION MONITORING INSTRUMENTATION SURVEILLANCE REQUIREMENTS

INSTRUMENT	CHANNEL CHECK	CHANNEL CALIBRATION	CHANNEL FUNCTIONAL TEST	MODES IN WHICH SURVEILLANCE REQUIRED
1. AREA MONITORS				
a. Fuel Storage Pool Area i. Criticality Monitor	S	R	M	*
2. PROCESS MONITORS				
a. Fuel Storage Pool Area i. Gaseous Activity - Ventilation System Isolation	S	R	M	**
b. Reactor Building				
i. Gaseous Activity - a) Purge Exhaust Duct Isolation	S	Q	M	6
b) RCS Leakage Detection	S	R	M	1, 2, 3, & 4
ii. Iodine Activity - RCS Leakage Detection	S	R	M	1, 2, 3, & 4

* With fuel in the storage pool or building
** With irradiated fuel in the storage pool