

# EAL-2

**TABLE 4  
DOSE PROJECTION MONITORS**

1. R-11	2. R-12	3. R-13	4. R-14
5. R-15	6. R-16	7. R-17	8. R-18
9. R-19	10. R-20	11. R-21	12. R-22

\*IF ALLOWED TO PLANT VIEW

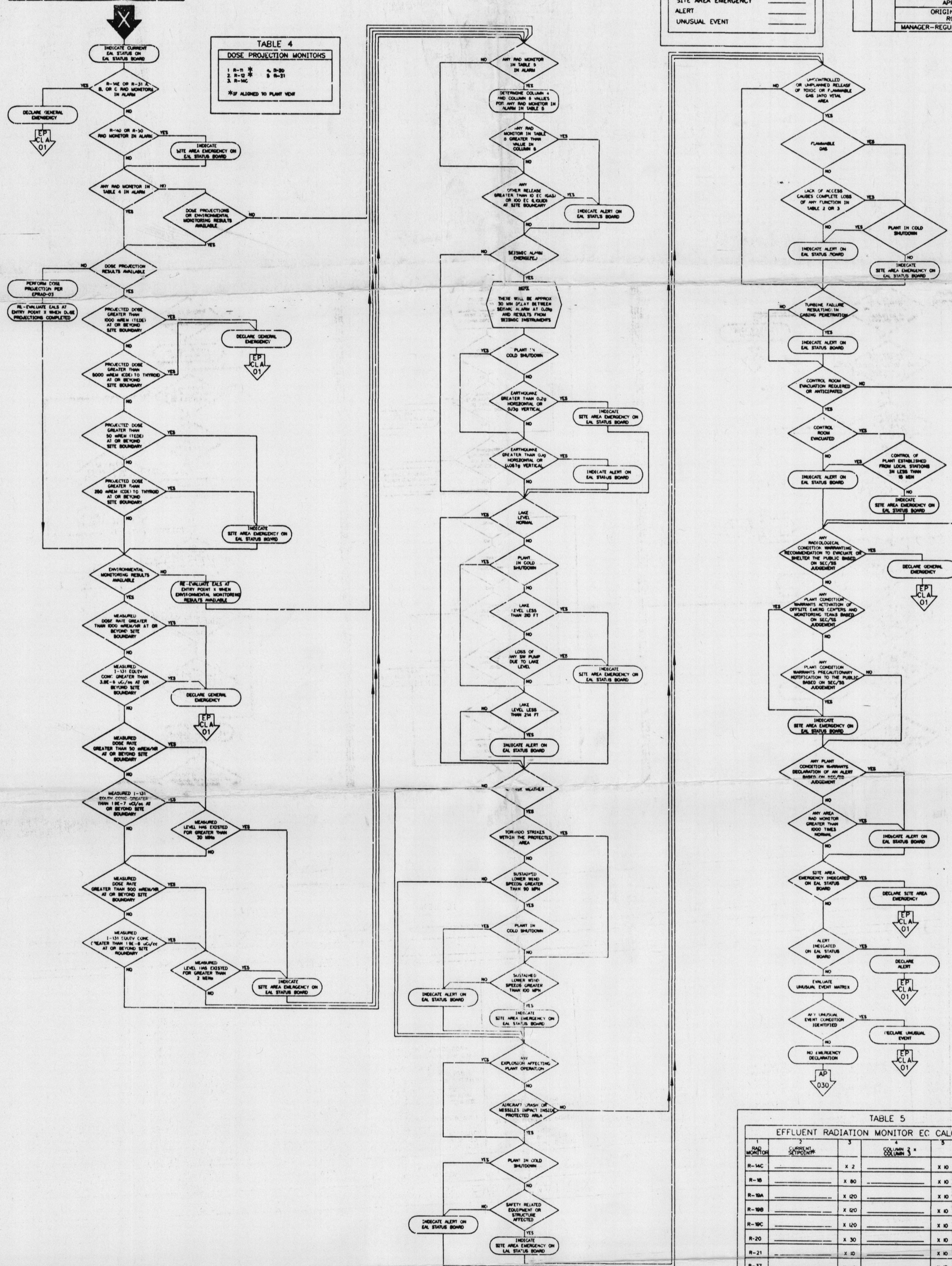
## EAL STATUS BOARD

GENERAL EMERGENCY  
SITE AREA EMERGENCY  
ALERT  
UNUSUAL EVENT

H.B. ROBINSON STEAM ELECTRIC PLANT UNIT #2

REVISION	DATE	RECOMMENDED BY	APPROVED BY
NO	DATE	ORIGINAL SIGNED BY	APPROVED BY
11		SUPERVISOR-EMERGENCY PREPAREDNESS DATE	APPROVED BY
		ROD KIRCH	APPROVED BY
		MANAGER-REGULATORY AFFAIRS	DATE

CONTROLLED  
RECIPIENT  
ID



**TABLE 5  
EFFLUENT RADIATION MONITOR EC CALCULATIONS**

1	2	3	4	5	6
MONITOR	CURRENT SETPOINT		COLUMN 3 X		COLUMN 5 X
R-11C		X 2		X 10	
R-11B		X 80		X 10	
R-11A		X 120		X 10	
R-11D		X 120		X 10	
R-11E		X 120		X 10	
R-21		X 30		X 10	
R-22		X 10		X 10	
R-23		X 10		X 10	

\* TAKEN FROM PROCESS MONITOR NOTIFICATION  
CURRENT RELEASE PERMIT OR ROBINSON UNIT #2 STATUS BOARD

## UNUSUAL EVENT MATRIX

A	B	C	D	E	F	G	H	I
1) ANY RAD MONITORS IN TABLE 5 IN ALARM AND GREATER THAN VALUE IN COLUMN 4	1) RCS ACTIVITY GREATER THAN 60 uCi/gm (DOSE EQUIV 1-131) AT FULL POWER (SEE TECH SPEC FIG 3.4.4 FOR LIMIT AT PARTIAL POWER LEVELS)	1) UNCONTROLLED RAPID DEPRESSURIZATION OF SECONDARY SIDE	1) FAILURE OF ANY PRESSURIZER SAFETY OR RELIEF VALVE TO CLOSE FOLLOWING REDUCTION OF PRESSURE	1) FIRE LEAKAGE MORE THAN 10 MINUTES WITHIN THE PROTECTED AREA	1) FIRE LEAKAGE MORE THAN 10 MINUTES WITHIN THE PROTECTED AREA	1) FAILURE OF ALL SITE TELEPHONE AND EMERGENCY COMMUNICATION CAPABILITY	1) EVENT 4 (ATTEMPTED ENTRY INTO PROTECTED AREA)	1) OTHER PLANT CONDITIONS EXIST THAT WARRANT INCREASED AWARENESS ON THE PART OF THE PLANT OPERATING STAFF, DARLINGTON, LEE, AND CHESTERFIELD COUNTIES AND THE STATE OF SOUTH CAROLINA
2) ANY OTHER RELEASE GREATER THAN 1EC (GAS) OR 10 EC (LIQUID) AT OR BEYOND SITE BOUNDARY	2) RCS ACTIVITY GREATER THAN 1 uCi/gm (DOSE EQUIV 1-131), BUT LESS THAN LIMIT IN (1) ABOVE FOR MORE THAN 48 HOURS	2) MAIN STEAM OR FEEDWATER BREAK	2) RCS LEAKAGE GREATER THAN 10 GPM	2) LOSS OF OFFSITE POWER	2) LOSS OF OFFSITE POWER	2) UNPLANNED LOSS OF 7 OR MORE ANNUNCIATOR PANELS FOR GREATER THAN 15 MINUTES	2) EVENT 7 (UNSUCCESSFUL ATTEMPTED SABOTAGE)	2) ANY PLANT CONDITION EXISTS THAT WARRANTS PRECAUTIONARY ACTIVATION OF TSC AND PLACING EOP AND KEY PERSONNEL ON STANDBY
	3) RCS ACTIVITY GREATER THAN 100 uCi/gm FOR ALL ISOTOPES	3) FAILURE OF ANY S/G SAFETY OR PORV TO RESET BELOW SETPOINT AFTER OPERATION	3) UNIDENTIFIED RCS LEAKAGE GREATER THAN 1 GPM FOR MORE THAN 12 HOURS	3) LOSS OF BOTH EMERGENCY DIESEL GENERATORS	3) LOSS OF BOTH EMERGENCY DIESEL GENERATORS		3) NOTIFICATION BY THE PLANT GENERAL MANAGER OR HIS DESIGNEE OF A SERIOUS EVENT 1 (BOMB THREAT) OR EVENT 2 (ATTACK THREAT)	3) INABILITY TO REACH REQUIRED SHUTDOWN WITHIN TECHNICAL SPECIFICATION LIMITS
	4) R-9 RAD MONITOR INCREASED GREATER THAN 500 MREM/HR IN LAST 30 MIN	4) S/G BLOWDOWN LINE UNCONTROLLED S/G DEPRESSURIZATION	4) PRIO SEC LEAKAGE GREATER THAN 0.35 GPM PER S/G (GPM TOTALS)					
	5) DROP OF SPENT FUEL CASK OF MORE THAN 15" AND NO DAMAGE TO FUEL SUSPECTED		5) SEC ACTIVITY GREATER THAN 0.1 uCi/gm 1-131 DOSE EQUIV					
	6) HANG-UP OF DRY STORAGE CANNISTER PARTIALLY INSERTED INTO HORIZONTAL STORAGE MODULE AT ISFSI							
	7) ISFSI EXHAUST LOUVER BLOCKED FOR MORE THAN 24 HOURS							

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