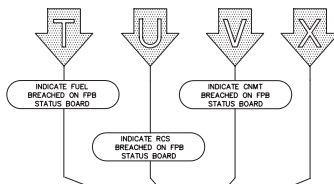
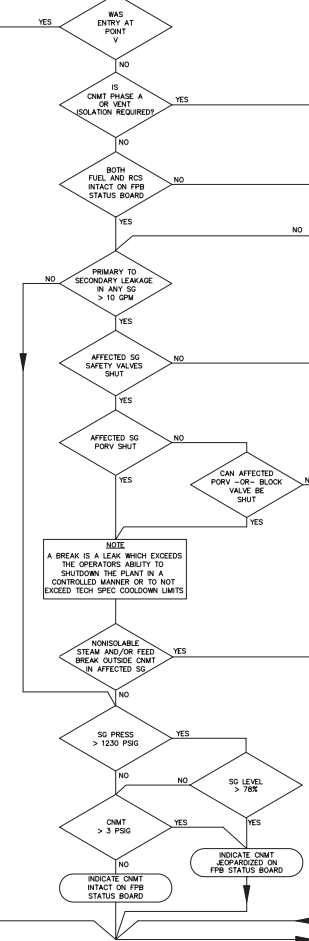
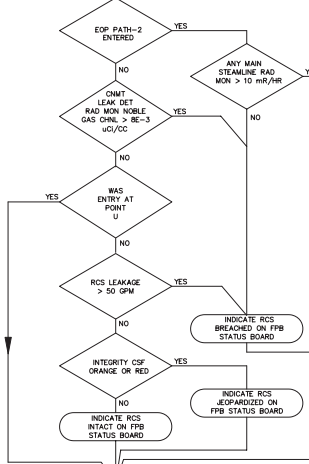
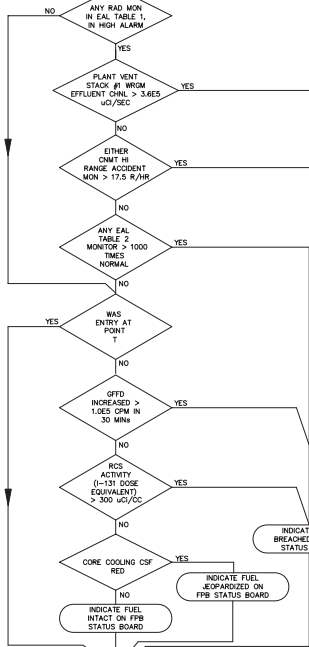


SIDE 1



INITIATE MONITORING OF CRITICAL SAFETY FUNCTION STATUS TREES



INDICATE FUEL BREACHED ON FPB STATUS BOARD

INDICATE CNMT BREACHED ON FPB STATUS BOARD

INDICATE FUEL AND RCS BREACHED ON FPB STATUS BOARD

INDICATE FUEL BREACHED ON FPB STATUS BOARD

INDICATE CNMT BREACHED ON FPB STATUS BOARD

INDICATE FUEL AND RCS BREACHED ON FPB STATUS BOARD

INDICATE FUEL BREACHED ON FPB STATUS BOARD

FPB STATUS BOARD		
FUEL FPB	RCS FPB	CONTAINMENT FPB
INTACT _____	INTACT _____	INTACT _____
JEOPARDIZED _____	JEOPARDIZED _____	JEOPARDIZED _____
BREACHED _____	BREACHED _____	BREACHED _____

RADIATION MONITOR TAG NUMBERS

MONITOR DESCRIPTION	INSTRUMENT TAG NO.	RM-11 CHANNEL ID NO.	ERIS POINT ID NO.
CNMT LEAK DETECTION MONITOR	RM-1LT-3502A-SA	205303	RLT3502B
CNMT HI RANGE ACCIDENT MONITORS	RM-1CR-3589-SA RM-1CR-3589-SB	2AX162 2AX163	ROR3589A ROR3590A
PLANT VENT STACK #1 WROM EFFLUENT CHANNEL	RM-21AV-3509-15A	1EXB17	RAV3509H
TURBINE BUILDING STACK 3A WROM EFFLUENT CHANNEL	RM-1TV-3536-1	2EXB27	RTV3536D
MAIN STEAM LINE MONITORS	RM-1MS-3591-SB RM-1MS-3592-SB RM-1MS-3593-SB	5AX164 5AX165 5AX166	RMS3591A RMS3592A RMS3593A
FUEL BREACH AREA RAD MONITORS:			
VOLUME CONTROL TANK RM	RM-1RR-3595	1A0G56	RRR3595A
CHARGING PUMP 1A ROOM	RM-1RR-3598A	1A0G60	RRR3598A
CHARGING PUMP 1B ROOM	RM-1RR-3598B	1A0G61	RRR3598B
CHARGING PUMP 1C ROOM	RM-1RR-3598C	1A0G62	RRR3598C
RECYCLE EVAP. VLV. GAL	RM-1RR-3600	1A0G63	RRR3600A
LETDOWN HV VALVE GAL	RM-1RR-3601	1A0G64	RRR3601A
MODERATING HV VLV. GAL	RM-1RR-3602	1A0G65	RRR3602A
STACK #5 MONITOR WROM EFFLUENT CHANNEL	RM-1RW-3546-1	4EXB37	RWW3546H
STACK #6A MONITOR WROM EFFLUENT CHANNEL	RM-1RW-3547-1	4EXB47	RWW3547H
LIQUID EFFLUENT MONITORS TREATED LAUNDRY & HOT SHOWER DISCHARGE	REM-1WL-3540	4LL666	RWL3540A
SECONDARY WASTE SAMPLE TANK DISCHARGE	REM-21WS-3542	4LL686	RWS3542A
WASTE MONITOR TANK DISCHARGE	REM-1WL-3541	4LL676	RWL3541A
TURBINE BLDG. DRAIN	REM-1MD-3528	2LL276	RWD3528A

FUEL BREACH AREA RAD MONITORS

- VOLUME CONTROL TANK RM
- CHARGING PUMP 1A ROOM
- CHARGING PUMP 1B ROOM
- CHARGING PUMP 1C ROOM
- RECYCLE EVAP. VLV. GAL
- LETDOWN HV VALVE GAL
- MODERATING HV VLV. GAL

FUNCTIONS NEEDED TO ACHIEVE SHUTDOWN

	MODE 4-5	MODE 3
CAPABILITY FOR FW FLOW ≥ 210 KPPH	X	X
SECONDARY HEAT SINK CAPABILITY	X	X
RWR CAPABILITY	X	X
COW CAPABILITY	X	X
ESW CAPABILITY	X	X
CHARGING CAPABILITY	X	X
STEAM GENERATOR SAFETY VALVES	X	X
ISOLATION CAPABILITY	X	X
RCS PRESS. CONTROL CAPABILITY	X	X
ACCU. ISOL. OR VENTING CAPABILITY	X	X

X = REQUIRED

3 FPBs BREACHED/ JEOPARDIZED

2 FPBs BREACHED/ JEOPARDIZED

1 FPB BREACHED/ JEOPARDIZED

ATWS WHILE IN MODE 1 OR 2

MOB MANUAL REACTOR TRIP SUCCESSFUL (EITHER SWITCH)

FUEL FPB BREACHED

GENERAL EMERGENCY EAL 2-1-4 EXCEEDED

GENERAL EMERGENCY EAL 8-1-4 EXCEEDED

GENERAL EMERGENCY EAL 8-1-3 EXCEEDED

GENERAL EMERGENCY EAL 8-1-2 EXCEEDED

GENERAL EMERGENCY EAL 8-1-1 EXCEEDED

GENERAL EMERGENCY EAL 8-1-0 EXCEEDED

GENERAL EMERGENCY EAL 8-1-0 EXCEEDED

GENERAL EMERGENCY EAL 8-1-0 EXCEEDED

GENERAL EMERGENCY EAL 8-1-0 EXCEEDED

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GENERAL EMERGENCY EAL 8-1-0 EXCEEDED

EAL STATUS BOARD

EAL REF. NO(S): _____

GENERAL EMERGENCY _____

SITE AREA EMERGENCY _____

ALERT _____

UNUSUAL EVENT _____

CONTINUING ACTION: _____ TIME _____

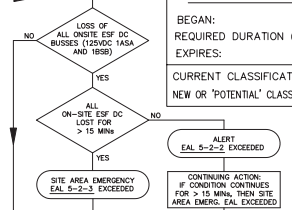
BEGAN: _____

REQUIRED DURATION (MIN): _____

EXPIRES: _____

CURRENT CLASSIFICATION _____

NEW OR "POTENTIAL" CLASSIFICATION _____



MODES 1-4, TOTAL # ALBs = 30
MODES 5-6, TOTAL # ALBs = 20
(ALB 1, 2, 4-13, 15, 22, 23, EITHER 24 OR 25 (BASED ON EDG OPERABILITY), 26-28, & 30)

LOSS OF >75% OF MCB ANNUNCIATORS (ALBs)

AFFECTED SYSTEMS' STATUS DATA AVAILABLE

SCHEMATIC TRANSFER (EOP PATH 1) ISSUED, >50% RUNBACK OR >50% POWER ISOLATIONS

LOSS OF PREPLANNED

ALBs LOST FOR > 15 MIN

ALERT EAL 6-1-2 EXCEEDED

CONTINUING ACTION: IF CONDITION CONTINUES FOR > 15 MIN, THEN SITE AREA EMERG. EAL EXCEEDED

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Progress Energy Carolinas
Shearon Harris Nuclear Power Plant
Units 1, 2, and 3
Part 5, Emergency Plan
New Hill, North Carolina

Emergency Action Level Flowpath
(Side 1)

FIGURE ANNEX 1-1

Rev 0