

TABLE 3.6.3-1 (Continued)PRIMARY CONTAINMENT ISOLATION VALVES

<u>VALVE FUNCTION AND NUMBER</u>	<u>VALVE GROUP(a)</u>	<u>MAXIMUM ISOLATION TIME (Seconds)</u>
d. <u>Other Containment Isolation Valves (Continued)</u>		
Radiation Monitoring		N.A.
PI-EFCX-72f		
PI-EFCX-73e		
Transversing Incore Probe System		N.A.
TIP-V-6		
TIP-V-7,8,9,10,11(e)		

TABLE NOTATIONS

*But greater than 3 seconds.

#Provisions of Technical Specification 3.0.4 are not applicable.

- (a) See Technical Specification 3.3.2 for the isolation signal(s) which operate each group.
- (b) Valve leakage not included in sum of Type B and C tests.
- (c) May be opened on an intermittent basis under administrative control.
- (d) Not closed by SLC actuation signal.
- (e) Not subject to Type C Leak Rate Test.
- (f) Hydraulic leak test at 38.2 psig.
- (g) Not subject to Type C test. Test per Technical Specification 4.4.3.2.2
- (h) Tested as part of Type A test.
- (i) May be tested as part of Type A test. If so tested, Type C test results may be excluded from sum of other Type B and C tests.
- (j) Reflects closure times for containment isolation only.
- (k) DURING OPERATIONAL CONDITIONS 1, 2 & 3 THE REQUIREMENT FOR AUTOMATIC ISOLATION DOES NOT APPLY TO RHR-V-8 EXCEPT THAT RHR-V-8 MAY BE OPENED IN OPERATIONAL CONDITIONS 2 & 3 PROVIDED CONTROL IS RETURNED TO THE CONTROL ROOM, WITH THE INTERLOCKS RE-ESTABLISHED, AND REACTOR PRESSURE IS LESS THAN 135 PSIG.

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TABLE 3.3.2-1 (Continued)

ISOLATION ACTUATION INSTRUMENTATION

ACTION STATEMENTS

- ACTION 20 - Be in at least HOT SHUTDOWN within 12 hours and in COLD SHUTDOWN within the next 24 hours.
- ACTION 21 - Be in at least STARTUP with the associated isolation valves closed within 6 hours or be in at least HOT SHUTDOWN within 12 hours and in COLD SHUTDOWN within the next 24 hours.
- ACTION 22 - Close the affected system isolation valves within 1 hour and declare the affected system inoperable.
- ACTION 23 - Be in at least STARTUP within 6 hours.
- ACTION 24 - Restore the manual initiation function to OPERABLE status within 8 hours or close the affected system isolation valves within the next hour and declare the affected system inoperable or be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the following 24 hours.
- ACTION 25 - Establish SECONDARY CONTAINMENT INTEGRITY with the standby gas treatment system operating within 1 hour.
- ACTION 26 - Lock close or close, as applicable, the affected system isolation valves within 1 hour and declare the affected system inoperable.

TABLE NOTATIONS

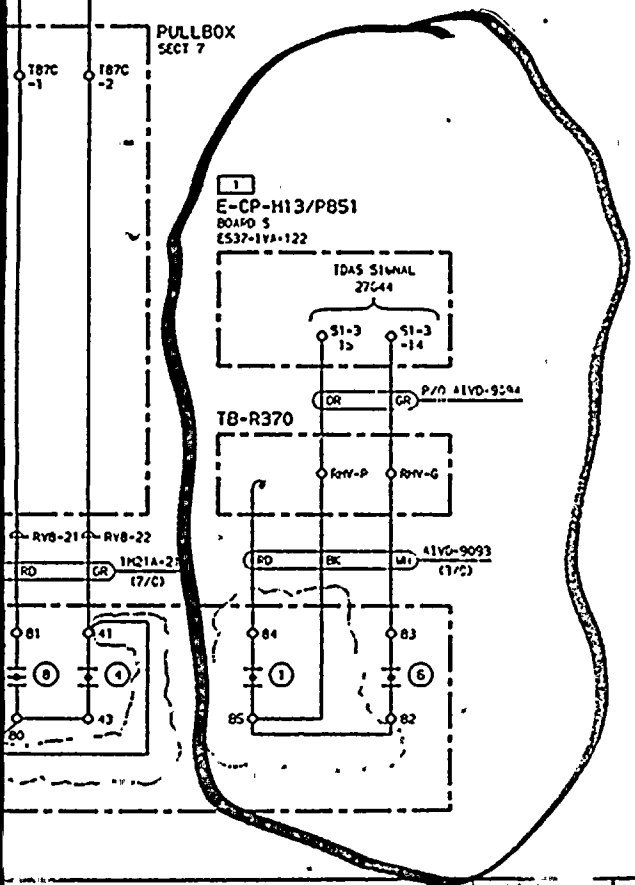
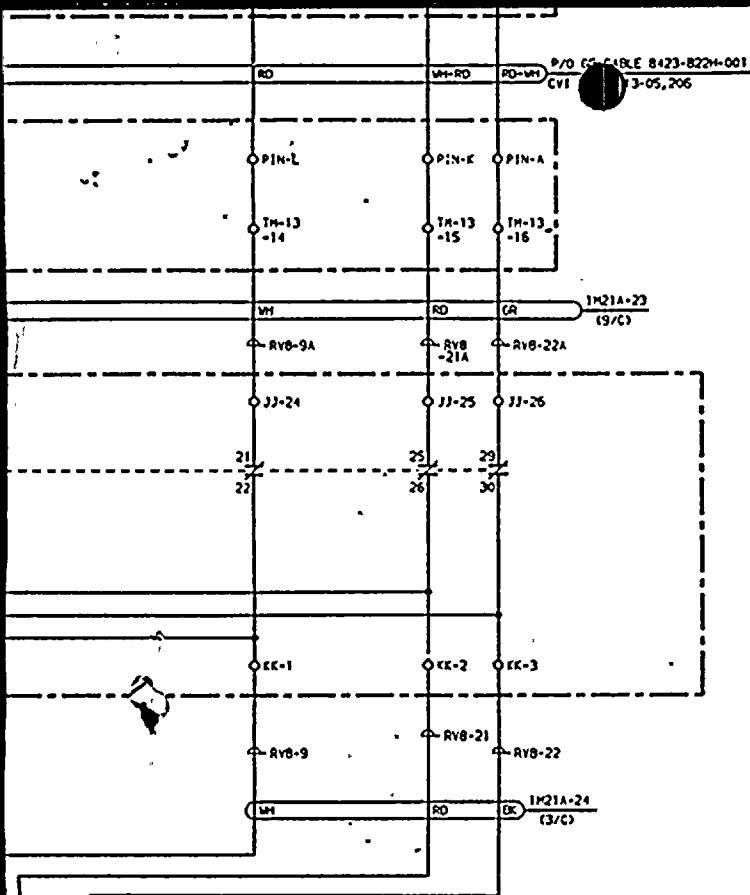
- *May be bypassed with reactor steam pressure \leq 1037 psig and all turbine stop valves closed.
- **When handling irradiated fuel in the secondary containment and during CORE ALTERATIONS and operations with a potential for draining the reactor vessel.
- #During CORE ALTERATIONS and operations with a potential for draining the reactor vessel.
- (a) A channel may be placed in an inoperable status for up to 2 hours for required surveillance without placing the trip system in the tripped condition provided at least one other OPERABLE channel in the same trip system is monitoring that parameter.
- (b) Also actuates the standby gas treatment system.
- (c) Also trips and isolates the mechanical vacuum pumps.
- (d) A channel is OPERABLE if 2 of 4 detectors in that channel are OPERABLE.
- (e) Also actuates secondary containment ventilation isolation dampers per Table 3.6.5.2-1.
- (f) Closes only RWCU system outboard isolation valve RWCU-V-4.
- (g) Only valves RHR-V-123A and RHR-V-123B in Valve Group 5 are required for primary isolation.
- (h) Manual initiation isolates RCIC-V-8 only and only with a coincident reactor vessel level-low, level 3.
- (i) NOT REQUIRED FOR RHR-V-8 WHEN CONTROL IS TRANSFERRED TO THE ALTERNATE REMOTE SHUTDOWN PANEL DURING OPERATIONAL CONDITIONS 1, 2 & 3 AND THE ISOLATION INTERLOCKS ARE BYPASSED. EXCEPT RHR-V-8 CAN BE RETURNED TO THE CONTROL ROOM, WITH THE INTERLOCKS RE-ESTABLISHED, IN OPERATIONAL CONDITIONS. 2 & 3

F B A

F B A

F B A

F B A



EXISTING
CONTINUOUS
VALVE POSITION
INDICATION ON
SPDS

REMARKS	DATE	BY	CHKD	OS	DATE	BY
CP 83-0050-00-385		DRJ	FRAN	EBF		GR
S		SAP	JRM	CCR		GR
9 (B/4) AND 85-0190-0A-008 (A-B/3-5, C/5-6)		SA				

SAFETY RELATED DIVISION 1

WASHINGTON PUBLIC POWER SUPPLY SYSTEM RICHMOND, WASHINGTON 99352		WNP 2
SIGNED	DATE	TITLE
APPROVED	M HOLLE	7-2-86
ENGINEER	M HOLLE	7-2-86
DESIGN SUPV	EBF	6-20-86
CHECKED	FRAN	6-20-86
DRAWN	D JACOBSEN	6-18-86
DRAWING # EWD-9E-024 SCALE N/A REV. 6 SHEET OF		TITLE ELECTRICAL WIRING DIAGRAM RESIDUAL HEAT REMOVAL SYSTEM MOV RHR-V-8 (E12-F008)

3

2

1 TOP TIER

E-CP-H13/P684
TERM CAB

SEE NOTE 3