V.C. SUMMER NUCLEAR STATION

NRC JOB PERFORMANCE MEASURE

JPP-112

LOSS OF CONTAINMENT INTEGRITY (XVG-503A)

Revision No. 3

A116

LOSS OF CONTAINMENT INTEGRITY (XVG-503A)

TRAINEE _____ EVALUATOR _____

EVALUATOR SIGNATURE _____ DATE _____

EVALUATION METHOD: SIMULATE
EVALUATION LOCATION: PLANT

ESTIMATED TIME: 15.0 MINUTES TIME STARTED: _____

10CFR55.45(a)5 OBSERVE AND SAFELY CONTROL THE OPERATING BEHAVIOR CHARACTERISTICS OF THE FACILITY

TIME CRITICAL: No FAULTED JPM: No

TRAINEE PERFORMANCE: SATISFACTORY _____ UNSATISFACTORY _____

READ TO OPERATOR:
WHEN I TELL YOU TO BEGIN, YOU ARE TO PERFORM THE ACTIONS AS DIRECTED IN THE INITIATING CUES. I WILL DESCRIBE GENERAL CONDITIONS UNDER WHICH THIS TASK IS TO BE PERFORMED AND PROVIDE THE NECESSARY TOOLS WITH WHICH TO PERFORM THIS TASK. BEFORE STARTING, I WILL EXPLAIN THE INITIAL CONDITIONS, WHICH STEPS TO SIMULATE OR DISCUSS, AND PROVIDE INITIATING CUES.
WHEN YOU COMPLETE THE TASK SUCCESSFULLY, THE OBJECTIVE FOR THIS JOB PERFORMANCE MEASURE WILL BE SATISFIED.

INITIAL CONDITIONS:

1. The Plant has experienced an SI from 100% power with the CRS implementing EOP-1.0. Blowdown isolation valve XVG00503A has failed to close on a valid phase 'A' containment isolation signal.

TOOLS AND EQUIPMENT NEEDED:

1. EOP-1.0 ATT. 3 PG 5 OF 8

REFERENCED DOCUMENTS:

		REV DATE
1. EOP*1.0	REACTOR TRIP/SAFETY INJECTION ACTUATION	05/09/96

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TASK STANDARDS:

1. S/G Blowdown from loop 'A' is isolated per EOP-1.0, Att. 4.

INITIATING CUES:

1. Control Room Supervisor directs you to close IFV-4701A (Backup Isolation Valve for XVG-503A-BD) per EOP-1.0, Attachment 4.

TERMINATING CUES:

1. IFV-4701A is closed locally.

SAFETY CONSIDERATIONS:

1. VALVES ARE IN A CONTAMINATED AREA

(S) DENOTES SEQUENCED ELEMENT
(*) DENOTES CRITICAL ELEMENT

PERFORMANCE CHECKLIST:

SAT. UNSAT.

NOTE 1: When operator simulates operation of controller or control switch inform him that indications remain "as seen" (i.e., red "open" light on)

STEP	STANDARD	SAT.	UNSAT.
1. Attempts to close IFV-4701A using the switch on the Nuclear Blowdown Processing Panel (AB-436)	Places and holds the BD LOOP A FLOW CTRL IFV-4701A switch in the CLOSE position or rotates the BD LOOP A FLOW CTRL IFV-4701A potentiometer counterclockwise to zero until the red light goes out .	____	____

NOTE 2: If the operator reports to the Control Room that the valve did not close from the Blowdown Panel, the Examiner as the CRS should direct the operator to locally isolate Instrument Air to IFV04701B-BD and vent off its supply regulator.

STEP	STANDARD	SAT.	UNSAT.
S*2. Close Instrument air isolation valve. (AB-412, West Penetration))	Closes IFV04701A-AV1-BD, IA Isolation Valve for IFV4[redacted]A-BD (turns CW clockwise di[redacted]) which once.	____	____

COMMENTS: _____

_____

STEP	STANDARD	SAT.	UNSAT.
S*3. Vents air from regulator to close IFV-4701A.	Vents air from IFV04701A-PRI-BD, IA SUPPLY REG FOR IFV4701A-BD by turning the regulator T-Bar in the counterclockwise direction.	____	____

COMMENTS: _____

_____

NOTE 4: Have operator point out valve stem position indication. Cue examinee that IFV-4701A indicates fully closed.

(S) DENOTES SEQUENCED ELEMENT
(*) DENOTES CRITICAL ELEMENT

PERFORMANCE CHECKLIST:	SAT.	UNSAT.

JOB PERFORMANCE MEASURE CHECKLIST

(S) DENOTES SEQUENCED ELEMENT
(*) DENOTES CRITICAL ELEMENT

PERFORMANCE CHECKLIST:

STEP	STANDARD	SAT.	UNSAT.
S 4. Verify valve IFV-4701A closed	Checks valve stem position to verify that valve is closed	_____	_____

Examiner Stops JPM At This Point

TIME STOPPED: _____

GENERAL COMMENTS:

_____

_____

_____

_____

_____

NRC KA REFERENCES:

KA NUMBER		IMPORTANCE RO	IMPORTANCE SRO
000069.EA1.01	Ability to operate and monitor isolation valves; dampers and electro-pneumatic devices following a loss of containment integrity.	3.5	3.7

LOCALLY START AN EMERGENCY D/G DURING A LOSS OF OFFSITE POWER

NRC KA REFERENCES:

KA NUMBER		IMPORTANCE FACTOR RO	IMPORTANCE FACTOR SRO
064000.K3.02	Knowledge of the effect that a loss of the ED/G system will have on ESF controlled or actuated systems.	4.2	4.4