Exelon Nuclear

CLINTON POWER STATION

Job Performance Measure

Review a completed SRV actuation report

JPM Number: 3821.0102

Revision Number: 00

Date: 7/28/03

Developed By:	**T. Pickley**	**7/24/03**
	Instructor	**Date**
Validated By:	**J. Anderson**	**10/16/03**
	SME or Instructor	**Date**
Review By:	**P. Ryan**	**8/18/03**
	Operations Representative	**Date**

Exelon SM
Nuclear

JOB PERFORMANCE MEASURE VALIDATION CHECKLIST

NOTE: All steps of this checklist should be performed upon initial validation. Prior to JPM usage, revalidate JPM using steps 8 through 11 below.

_____ 1. Task description and number, JPM description and number are identified.

_____ 2. Knowledge and Abilities (K/A) references are included.

_____ 3. Performance location specified. (in-plant, control room, or simulator)

_____ 4. Initial setup conditions are identified.

_____ 5. Initiating and terminating cues are properly identified.

_____ 6. Task standards identified and verified by SME review.

_____ 7. Critical steps meet the criteria for critical steps and are identified with an asterisk (*).

_____ 8. Verify the procedure referenced by this JPM matches the most current revision of that procedure:
Procedure Rev. _____ Date _____

_____ 9. Pilot test the JPM:
a. verify cues both verbal and visual are free of conflict, and
b. ensure performance time is accurate.

_____ 10. If the JPM cannot be performed as written with proper responses, then revise the JPM.

_____ 11. When JPM is revalidated, SME or Instructor sign and date JPM cover page.

_____ _____
SME/Instructor Date

_____ _____
SME/Instructor Date

_____ _____
SME/Instructor Date

JPM NUMBER: 3831.0102 **REVISION: 00**

Revision Record (Summary)

1. **Revision 00,** This is a new JPM

CLINTON POWER STATION
SYSTEM JPM

JPM NUMBER: 3831.0102 **REVISION: 00**

Operator's Name: _____ SSN: _____

Job Title: o NLO o RO o SRO o STA o SRO Cert

JPM Title/Number: 3831.0101, Review a completed SRV actuation report
Revision Number: 00
Task Number and Title: 383101.01, Complete Control Room actions to document data on failures and actuation's of the Safety Relief Valves in the Main Steam System and to generate reports required by the Nuclear Regulatory Commission

Suggested Testing Environment: Any

Actual Testing Environment: n Simulator o Plant o Control Room

Testing Method: o Simulate n Perform **Faulted:** o Yes **Alternate Path:** o No

Time Critical: o No

Estimated Time to Complete: 16 minutes **Actual Time Used:** _____ minutes

References:

EVALUATION SUMMARY:
Were all the Critical Elements performed satisfactorily? o Yes o No

The operator's performance was evaluated against the standards contained in this JPM, and has been determined to be: o Satisfactory o Unsatisfactory

Comments: _____

Evaluator's Name: _____

JPM NUMBER: 3831.0102 **REVISION: 00**

Evaluator's Signature: _____ Date: _____

JPM NUMBER: 3831.0102 **REVISION: 00**

READ TO THE OPERATOR

I will explain the initial conditions, which step(s) to simulate or discuss, and provide the initiating cues. When you complete the task successfully, the objective of this Job Performance Measure will be satisfied.

SIMULATOR SET-UP CONDITIONS:

None

TASK STANDARDS:

The SRV has been identified as leaking and the failure mode is coded incorrectly.

TOOLS, EQUIPMENT, OTHER SPECIAL REQUIREMENTS:

None

PROCEDURAL/REFERENCES:

CPS 9056.02, SAFETY/RELIEF VALVE ACTUATION TEST
CPS 3831.01, SAFETY RELIEF VALVE REPORT

EVALUATOR INSTRUCTIONS:

Amplifying cues are provided within the JPM steps.
Provide the operator with the following:

- CPS 9056.02, SAFETY/RELIEF VALVE ACTUATION TEST
- CPS 9056.02C001, SAFETY/RELIEF VALVE MANUAL ACTUATION CHECKLIST
- CPS 3831.01, SAFETY RELIEF VALVE REPORT
- CPS 3831.01D002, ACTUATION LOG
- DCS Display 6D-04
- DCS Display D05AD1
- DCS Display DD5BD3
- SRV Tailpipe temperature graph

INITIAL CONDITIONS AND INITIATING CUE:

CPS 9056.02, SAFETY/RELIEF VALVE ACTUATION TEST and CPS 3831.01, SAFETY RELIEF VALVE REPORT have been completed. You are to review and approve them.

START TIME: _____

JPM NUMBER: 3821.0102 **REVISION:** **00**

JPM NUMBER: 3821.0102 **REVISION:** **00**

==========

PERFORMANCE INFORMATION

Critical steps are denoted with an asterisk (*) to the left of the step number and appear in **BOLDED** letters. Failure to meet the standards for a critical step constitutes failure of the Job Performance Measure. The sequence of steps is assumed unless denoted in the comments section of the JPM.

==========

PERFORMANCE STEPS

***1**	**Reviews through block 309**
Standard	**Determines that block 309 is incorrect, the tail pipe has not returned to normal and that the SRV is leaking.**
CUE	
Comments	

SAT UNSAT Comment Number

2	Reviews blocks 310 through 314
Standard	Determines block 314 is coded incorrectly and should be coded as an “A” and/or “E” at this time.
CUE	
Comments	

SAT UNSAT Comment Number

JPM NUMBER: 3821.0102 **REVISION:** **00**

JPM NUMBER: 3821.0102 **REVISION: 00**

STOP TIME: _____

TERMINATING CUES:

The SRV actuation log has been reviewed.

K/A REFERENCE NUMBERS

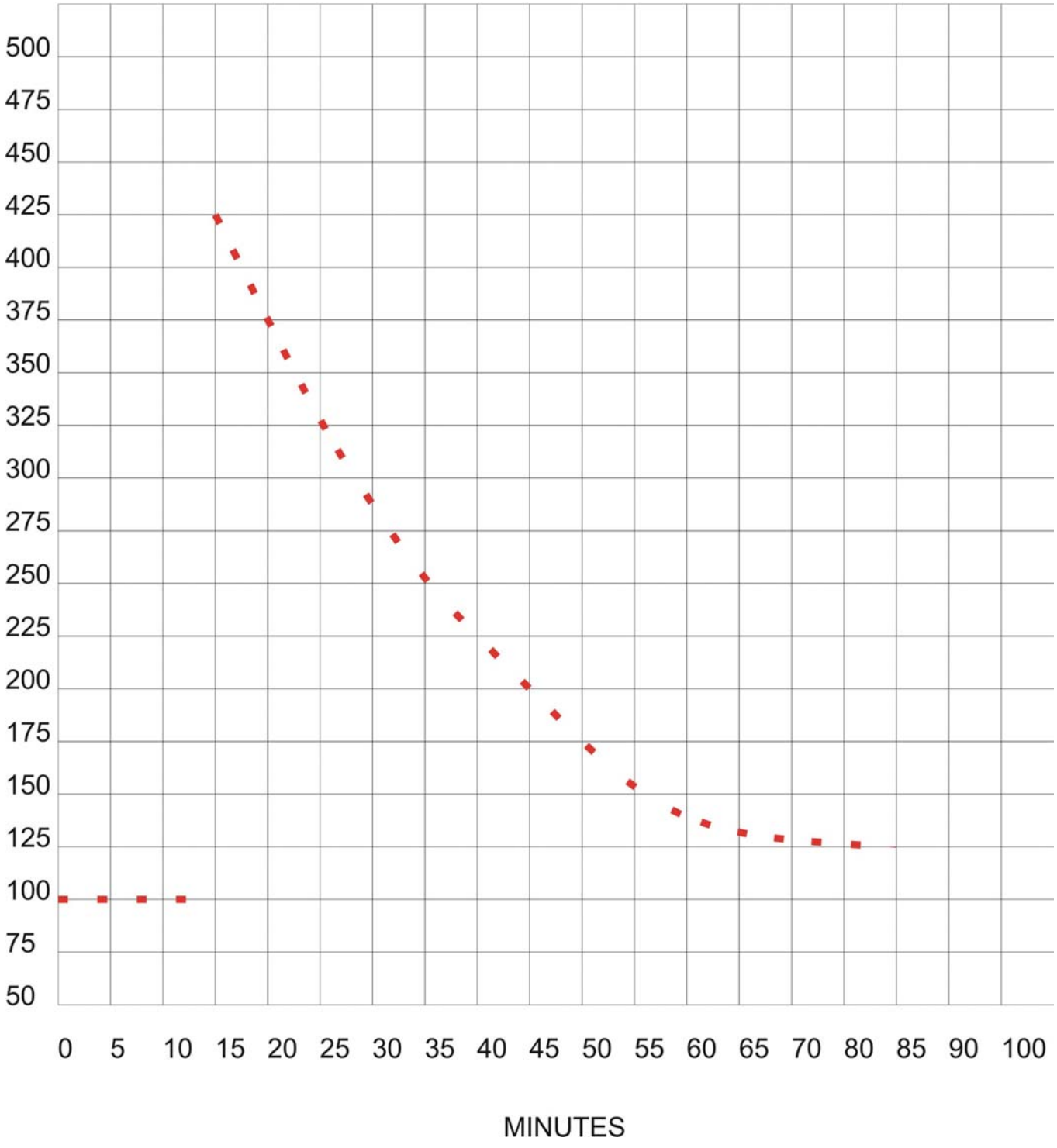
		Importance Rating	
K/A SYSTEM NUMBER	**K/A NUMBER**	**RO**	**SRO**
2.1.32		3.4	3.8
2.1.25		2.8	3.1

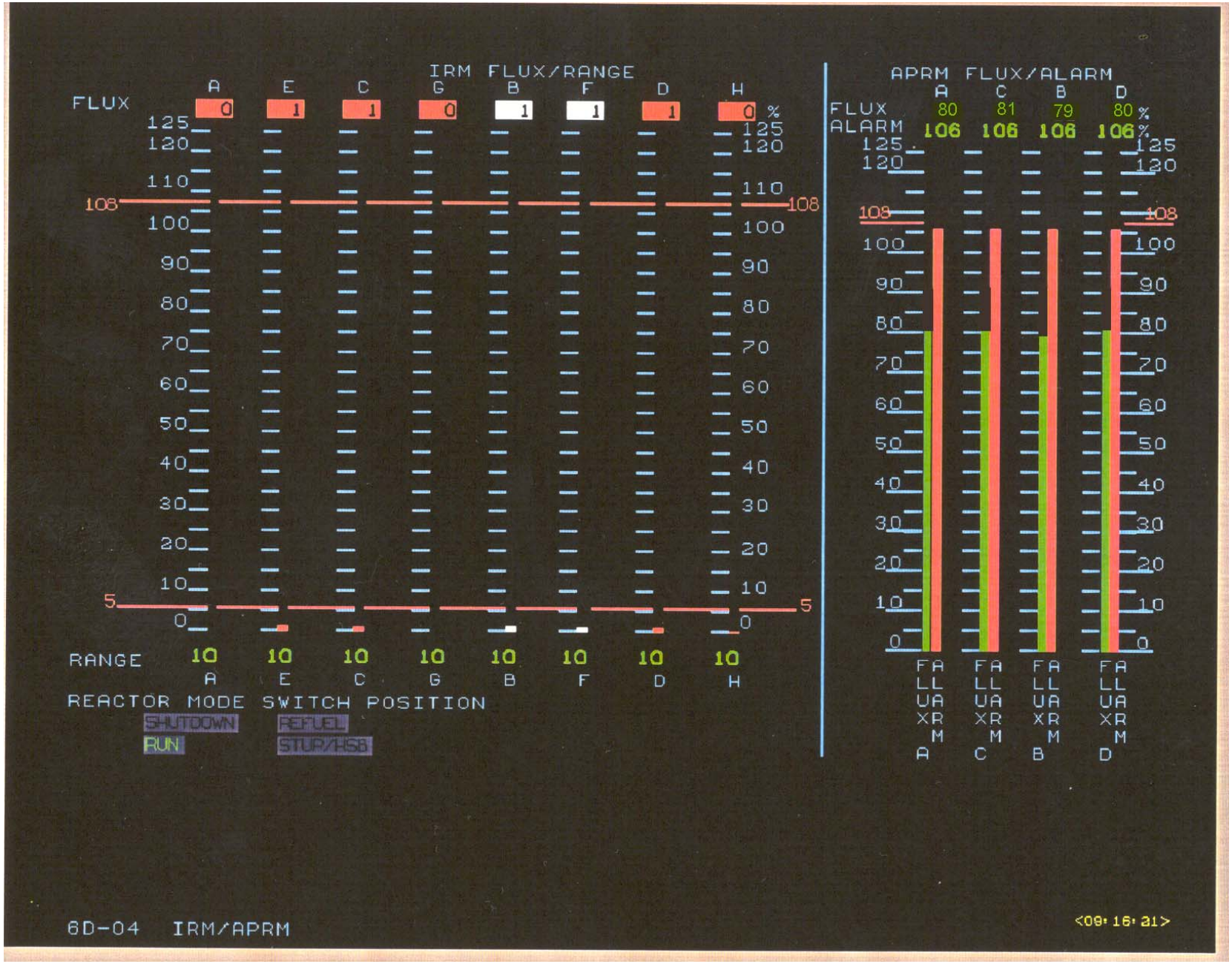
JPM NUMBER: 3821.0102 **REVISION:** **00**

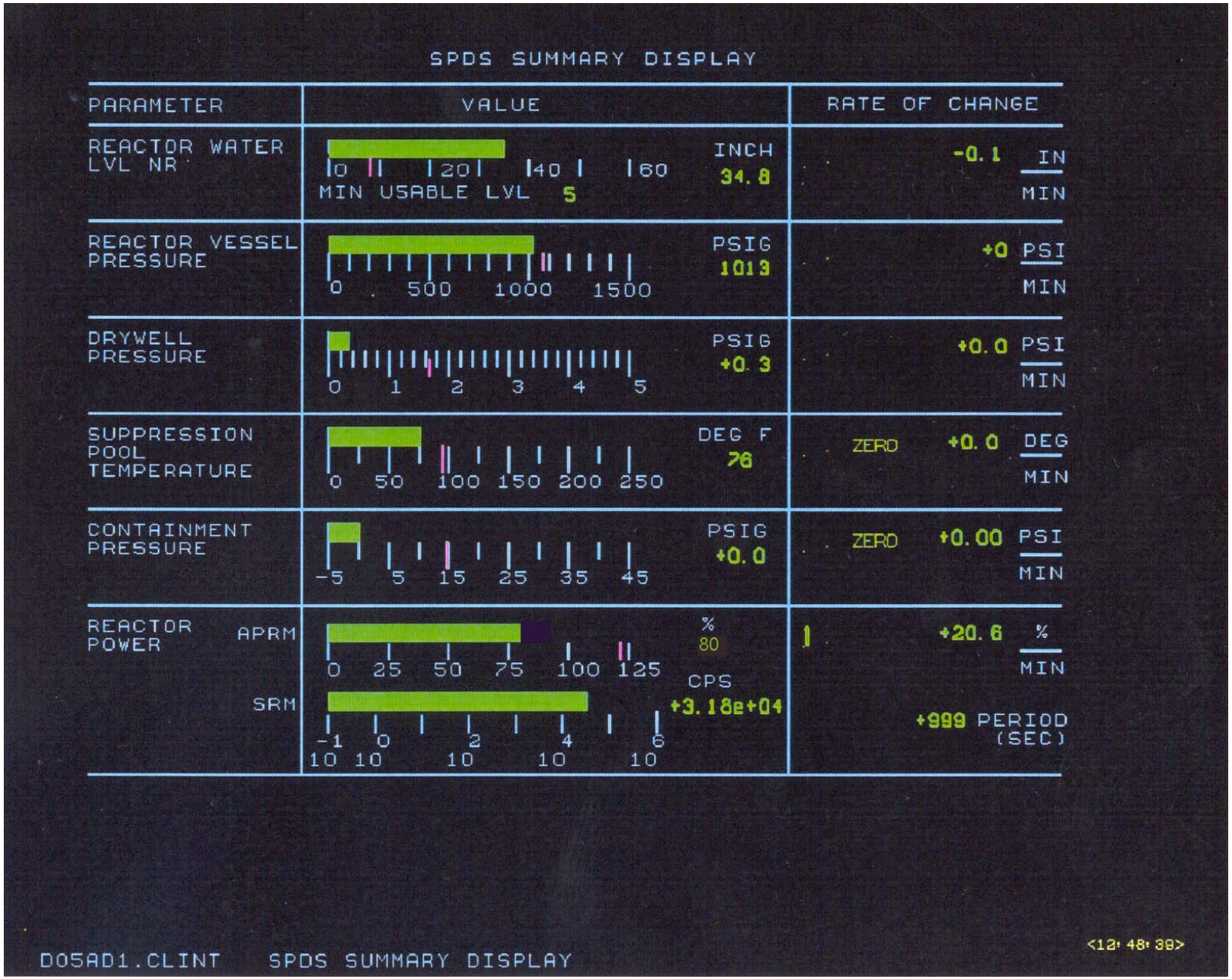
INITIATING CUE

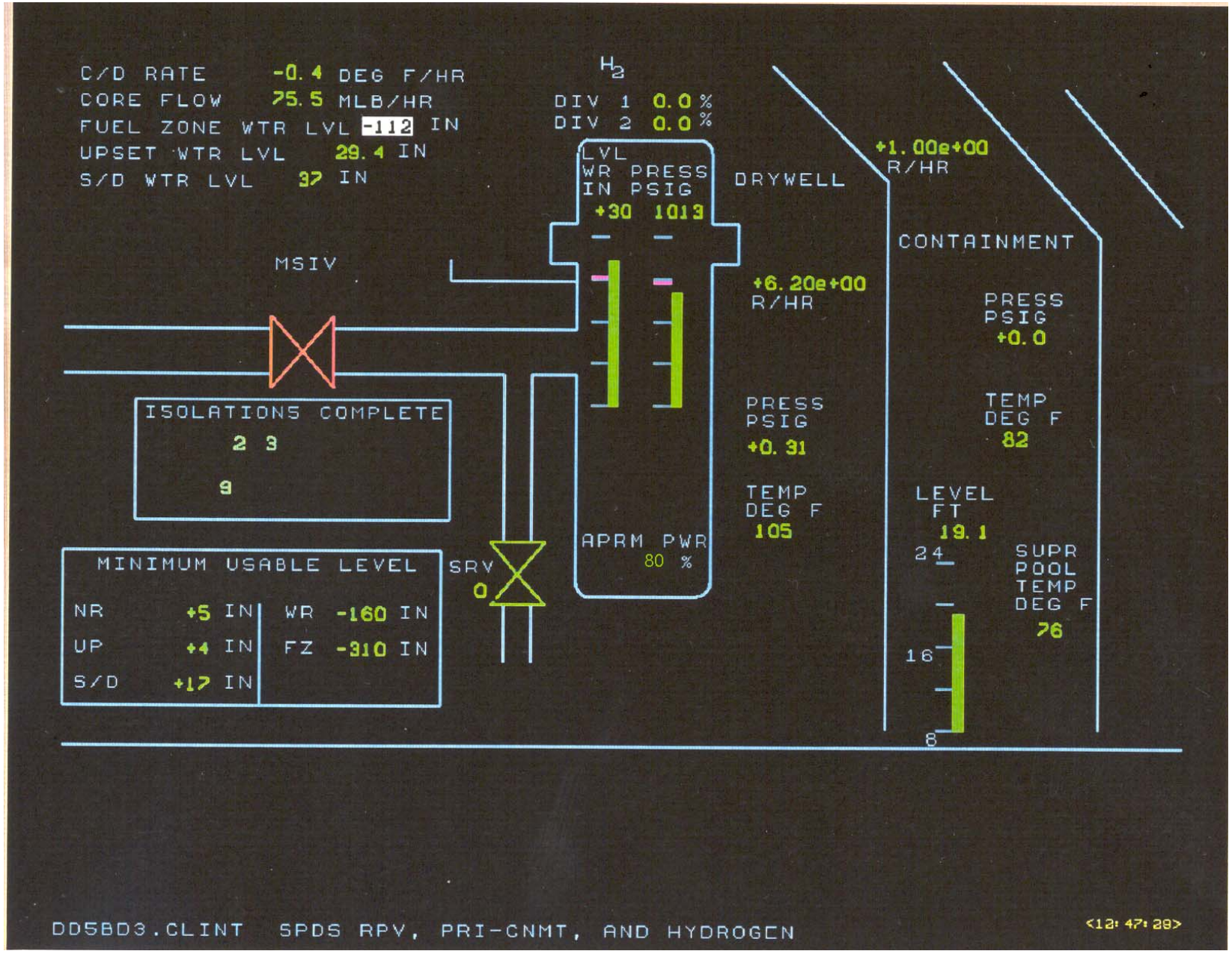
CPS 9056.02, SAFETY/RELIEF VALVE ACTUATION TEST and CPS 3831.01, SAFETY RELIEF VALVE REPORT have been completed. You are to review and approve them.

SRV Tailpipe Temperature




IRM FLUX/RANGE
A E C G B F D H
FLUX
0 1 1 0 1 1 1 0 %
125 120 110 108 100 90 80 70 60 50 40 30 20 10 5 0
RANGE
10 10 10 10 10 10 10 10
A E C G B F D H
REACTOR MODE SWITCH POSITION
SHUTDOWN
REFUEL
RUN
STUP/HSB
APRM FLUX/ALARM
A C B D
FLUX 80 81 79 80 %
ALARM 106 106 106 106 %
FALLUAXRM
A C B D
6D-04 IRM/APRM
<09:16:21>


SPDS SUMMARY DISPLAY
PARAMETER
VALUE
RATE OF CHANGE
REACTOR WATER LVL NR
0 20 40 60
MIN USABLE LVL 5
INCH
34.8
-0.1 IN
MIN
REACTOR VESSEL PRESSURE
0 500 1000 1500
PSIG
1013
+0 PSI
MIN
DRYWELL PRESSURE
0 1 2 3 4 5
PSIG
+0.3
+0.0 PSI
MIN
SUPPRESSION POOL TEMPERATURE
0 50 100 150 200 250
DEG F
76
ZERO +0.0 DEG
MIN
CONTAINMENT PRESSURE
-5 5 15 25 35 45
PSIG
+0.0
ZERO +0.00 PSI
MIN
REACTOR POWER
APRM
0 25 50 75 100 125
%
80
+20.6 %
MIN
SRM
-1 0 2 4 6
10 10 10 10 10
CPS
+3.18e+04
+999 PERIOD (SEC)
D05AD1.CLINT SPDS SUMMARY DISPLAY
<12: 48: 38>


C/D RATE -0.4 DEG F/HR
CORE FLOW 75.5 MLB/HR
FUEL ZONE WTR LVL -112 IN
UPSET WTR LVL 29.4 IN
S/D WTR LVL 37 IN
H2
DIV 1 0.0 %
DIV 2 0.0 %
LVL
WR PRESS
IN PSIG
+30 1013
DRYWELL
+1.00e+00
R/HR
CONTAINMENT
MSIV
+6.20e+00
R/HR
PRESS
PSIG
+0.0
PRESS
PSIG
+0.31
TEMP
DEG F
82
TEMP
DEG F
105
ISOLATIONS COMPLETE
2 3
9
LEVEL
FT
19.1
24
16
8
SUPR
POOL
TEMP
DEG F
76
APRM PWR
80 %
SRV
0
MINIMUM USABLE LEVEL
NR +5 IN
UP +4 IN
S/D +17 IN
WR -160 IN
FZ -310 IN
DD5BD3.CLINT SPDS RPV, PRI-CNMT, AND HYDROGEN
<12:47:28>