

COMANCHE PEAK STEAM ELECTRIC STATION

EMERGENCY RESPONSE GUIDELINES

**FOR INFORMATION  
ONLY**

REDIAGNOSIS

PROCEDURE NO. EOS - 0.0

REVISION NO. 0

**SAFETY-RELATED**

SUBMITTED BY

*R. B. Seidel*

OPERATIONS SUPERINTENDENT

DATE

*7/31/84*

APPROVED BY

*R. B. Jones*

MANAGER, PLANT OPERATIONS

DATE

*8/14/84*

8512260094 851216  
PDR ADOCK 05000445  
F PDR

A. PURPOSE

This procedure provides a mechanism to allow the operator to determine or confirm the most appropriate post accident recovery procedure.

B. SYMPTOMS OR ENTRY CONDITIONS

This procedure is entered based on operator judgement, but shall not be entered prior to entering EOP-0.0.

CPSES  
EMERGENCY RESPONSE GUIDELINES

ISSUE DATE

PROCEDURE NO.  
EOS-0.0

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STEP

ACTION/EXPECTED RESPONSE

RESPONSE NOT OBTAINED

NOTE: Foldout page should be open (Attachment 1 - Red Tab).

NOTE: This procedure should only be used if SI is actuated or is required.

1

Check If Any SG Is Not  
Faulted:

a. Check pressures in SGs -  
ANY STABLE OR INCREASING

a. IF a controlled cooldown  
is in progress, THEN go  
to Step 2. IF NOT, THEN  
the following applies:

- IF main steamlines NOT  
isolated, THEN you  
should be in EOP-2.0,  
FAULTED STEAM GENERATOR  
ISOLATION.

- OR -

- IF main steamlines  
isolated, THEN you  
should be in ECA-2.1,  
UNCONTROLLED  
DEPRESSURIZATION OF ALL  
STEAM GENERATORS.

CPSES  
EMERGENCY RESPONSE GUIDELINES

ISSUE DATE

PROCEDURE NO.  
EOS-0.0

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STEP

ACTION/EXPECTED RESPONSE

RESPONSE NOT OBTAINED

2

Check If All SGs Are  
Not Faulted:

a. Check pressures in all SGs -

- NO SG PRESSURE  
DECREASING IN AN  
UNCONTROLLED MANNER
- NO SG COMPLETELY  
DEPRESSURIZED

a. Verify all faulted SG(s)  
isolated:

- Steamlines
- Feedlines
- Blowdown and Sample  
lines

IF NOT, THEN you  
should be in EOP-2.0,  
FAULTED STEAM GENERATOR  
ISOLATION.

3

Check If SG Tubes Are  
Ruptured:

- ANY SG LEVEL INCREASING  
IN AN UNCONTROLLED MANNER

-OR-

- ANY SG WITH HIGH RADIATION

You should be in an  
EOP-1.0 or ECA-1.0  
Series Guideline.

4

You Should Be In An EOP-3.0  
Or ECA-3.0 Series Guideline.

- END -



ATTACHMENT 1  
PAGE 1 OF 1

FOLDOUT FOR EOS-0.0, REDIAGNOSIS

1. RCP TRIP CRITERIA

Trip all RCPs if BOTH conditions listed below occur:

- a. CCP or SI pump - AT LEAST ONE RUNNING
- b. RCS subcooling - LESS THAN 15°F (RCS to Secondary differential Pressure - LESS THAN 480 PSID FOR ADVERSE CONTAINMENT).

2. SI ACTUATION CRITERIA

Actuate SI and go to EOP-0.0, REACTOR TRIP OR SAFETY INJECTION Step 1, if EITHER condition listed below occurs:

- RCS subcooling - LESS THAN 15°F (45°F FOR ADVERSE CONTAINMENT).
- PRZR level - CANNOT BE MAINTAINED GREATER THAN 20%.

3. ADVERSE CONTAINMENT

Adverse Containment Parameters shall be used if any condition below exists:

- Containment pressure - GREATER THAN 5 PSIG  
- OR -
- Containment radiation - GREATER THAN  $10^5$  R/HR  
- OR -
- Integrated containment radiation dose - GREATER THAN  $10^6$  RADS (to be determined by TSC staff).

4. AFW SUPPLY SWITCHOVER CRITERION

IF CST level decreases to less than 10%, THEN switch to alternate AFW water supply.

5. EMERGENCY PLAN ACTUATION CRITERION

Reference EPP-201, ASSESSMENT OF EMERGENCY ACTION LEVELS AND PLAN ACTIVATION to determine if this event requires activation of the emergency plan.

COMANCHE PEAK STEAM ELECTRIC STATION  
EMERGENCY RESPONSE GUIDELINE DATA PACKAGE

**FOR INFORMATION  
ONLY**

TITLE: Rediagnosis

PROCEDURE NO.: ECS-0.0 (Rev. 0)

DATA PACKAGE

REVISION NO. 0

SUBMITTED BY Paul Smith DATE 9-17-84

REVIEWED BY R. Flores DATE 9-18-84  
ENGINEER

APPROVED BY J. L. Allen DATE 9/18/84  
OPERATIONS ENGINEER

GUIDELINE NAME: Rediagnosis

PAGE 2 of 4

1. Data on pages 3 through 4 of this data package has been made specific to the Comanche Peak design and does not compromise the generic technical basis for this guideline.

Comments:

Sequence was verified Adequate when compared to the generic per Attachment.

R. Flores 9-18-84  
Signature date

RAFAEL FLORES  
Print name of Engineer entering data

2. Data on pages 3 through 4 of this data package has been verified as specific to the Comanche Peak design and does not compromise the generic technical basis for this guideline.

Comments/brief description of verification process:

TNE-CA-53 calculation was performed by TNE And reviewed. All plant specific data was inserted as specified in the Background documentation.

R. Flores 9-18-84  
Signature date

RAFAEL FLORES  
Print name of Engineer verifying data

GUIDELINE NAME: REDIAGNOSIS

PAGE 3 OF 4

Guideline Step No.	Plant Specific Data Required	Source/ Justification/ Calculations
Att. 1 Item 1	RCP trip parameter and setpoint, including allowances for normal channel accuracy.	(Subcooling of 14°F) Calculation TNE-CA-53, Section II.
	RCP trip parameter and setpoint, including allowances for normal channel accuracy and post accident transmitter errors.	(RCS to SG $\Delta P$ -463 psig) Calculation TNE-CA-53, Section II
Att. 1 Item 2	Sum of temperature and pressure measurement system errors, including allowances for normal channel accuracies, translated into temperature.	See Note 1
	Sum of temperature and pressure measurement system errors, including allowances for normal channel accuracies and post accident transmitter errors, translated into temperature.	(45°F) Calculation TNE-CA-53, Section II
	PRZR level just in range, including allowances for normal channel accuracy.	(20%) - In narrow range (Accuracy - $\pm 2\%$ ) SC-55-49, Rev. 1 p. 15 of 17
Att. 1 Item 4	CST low level switchover setpoint	See Note 2

ATTACHMENT

Note 1      The value used for subcooling was calculated considering a system accuracy of  $\pm 2.5^{\circ}\text{F}$  as per FSAR Table II.F.2-1. Allowances of .5% were also considered for each of the below items.

1) Readability constant - .5% =  $\pm 3.0^{\circ}\text{F}$

2) Rack drift                      - .5% =  $\pm 3.0^{\circ}\text{F}$

The total subcooling accuracy is found by adding the above temperature values.

$$2.5^{\circ}\text{F} + 3.0^{\circ}\text{F} + 3.0^{\circ}\text{F} = 8.5^{\circ}\text{F}$$

Allowance values were taken from SC-55-47

Calculation TNE-CA-53, Section II, has a calculated subcooling margin setpoint calculation of  $14^{\circ}\text{F}$ .

Note 2      "The CPSES CST's have a useable volume of 28,780 gallons of water at the lo-lo level alarm. Assuming the largest capacity AFW pump is operating, this alarm will allow the operator at least 20 minutes to anticipate the need to makeup water or transfer AFW pump suction to the S.W. System" per FSAR p. II.E-5.

CST lo-lo level alarm @ 4 ft per Instrument Index Listing p. 468 of 10-20-83 volume.

$$4 \text{ ft} \approx 9.2\% \text{ per CST Volume Curve.}$$

## REDIAGNOSIS

### CPSES STEP SEQUENCE FOR EOS-0.0 (Rev. 1)

<u>STEP</u>	<u>SEQUENCE</u>
1. Check If Any Steam Generator Is Not Faulted	1
2. Check If All SGs Are Not Faulted	2
3. Check If SG Tubes Are Ruptured	3
4. You Should Be In An EOP-3.0 Or ECA-3.0 Series Guideline	4

COMANCHE PEAK STEAM ELECTRIC STATION  
EMERGENCY RESPONSE GUIDELINE TASK ANALYSIS PACKAGE

**FOR INFORMATION  
ONLY**

TITLE: Rediagnosis

PROCEDURE NO.: EOS-0.0 (Rev. 0)

TASK ANALYSIS PACKAGE

REVISION NO. 0

SUBMITTED BY [Signature] DATE 2/8/85

REVIEWED BY [Signature] DATE 3/8/85  
ENGINEER

APPROVED BY [Signature] DATE 4/2/85  
OPERATIONS ENGINEER

## TASK ANALYSIS WORKSHEET

ERG TITLE: REDIAGNOSIS

ERG NO. EOS-0.0

STEP	REQUIREMENT	CONTROL	BOARD LOCATION	INDICATION	BOARD LOCATION	TASK WORKSHEET COMPLETED	STEP JUSTIFIED BY		COMMENTS
							GENERIC	PLANT SPECIFIC	
NOTE	Foldout page should be open (Attachment 1 - Red Tab)	-	-	-	-	-	X	-	
NOTE	This procedure should only be used if SI is actuated or is required.	-	-	1-ALB-6C(WL 1-7/2-7/3-7/4-7) Permissive Control Interlock Panel (WL 1-8) PRZR Pressure Main Steamline Pressure Containment Pressure	CB-07 CB-07  CB-05 CB-08 CB-03	Yes	X	-	
1	Check if any SG is not faulted.	-	-	-	-	-	X	-	
1a	Check pressures in SGs - ANY STABLE OR INCREASING.	-	-	Main Steamline Pressure	CB-08	Yes	X	-	
1'a	IF a controlled cooldown is in progress, THEN go to Step 2.	-	-	-	-	-	X	-	
	IF NOT, THEN the following applies: -IF main steamlines NOT isolated, THEN you should be in EOP-2.0, FAULTED STEAM GENERATOR ISOLATION -OR- -IF main steamlines isolated, THEN you should be in ECA-2.1, UNCONTROLLED DEPRESSURIZATION OF ALL STEAM GENERATORS.	-	-	Steamline Isolation Valve Status Lights	CB-08	Yes	X	-	
2	Check if all SGs are not faulted.	-	-	-	-	-	X	-	
2a	Check pressures in all SGs - -NO SG PRESSURE DECREASING IN AN UNCONTROLLED MANNER -NO SG COMPLETELY DEPRESSURIZED	-	-	Main Steamline Pressure	CB-08	Yes	X	-	
2'a	Verify all faulted SGs isolated -Steamlines -Feedlines -Blowdown and sample lines	-	-	Steamline Isolation Valve Status Lights Steam Generator Isolation Valve Status Lights Feedline Isolation Valve Status Lights	CB-08 CB-08 CB-08	Yes	X	-	
	IF NOT, THEN you should be in EOP-2.0, FAULTED STEAM GENERATOR ISOLATION	-	-	-	-	-	X	-	
3	Check if SG tubes are ruptured. -Any SG LEVEL INCREASING IN AN UNCONTROLLED MANNER -OR- -ANY SG WITH HIGH RADIATION	-	-	Steam Generator Level - Narrow Range RM-11(COG-182, MSL 178 thru 181, SGB 173, SCS-164)	CB-09  RM-11 Panel	Yes	X	-	

COMPLETED BY: H.C. Cummy REVIEWED BY: Rafael P. Lopez DATE: 3/8/85

ENGINEER

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ODA-204-4a  
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## TASK ANALYSIS WORKSHEET

ERG TITLE: \_\_\_\_\_ REDIAGNOSIS \_\_\_\_\_

ERG NO. \_\_\_\_\_ EOS-0.0

STEP	REQUIREMENT	CONTROL	BOARD LOCATION	INDICATION	BOARD LOCATION	TASK WORKSHEET COMPLETED	STEP JUSTIFIED BY GENERIC PLANT SPECIFIC	COMMENTS
3*	You should be in an EOP-1.0 or ECA-1.0 Series Guideline.	-	-	-	-	-	X	-
4	You should be in an EOP-3.0 or ECA-3.0 Series Guideline. -END-	-	-	-	-	-	X	-

COMPLETED BY: H. C. Lawrence REVIEWED BY: Rafael Flores ENGINEERDATE: 3/8/85PAGE  
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ODA-204-4a  
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## TASK ANALYSIS WORKSHEET

ERG TITLE: REDIAGNOSIS

ERG NO. EOS-0.0

STEP	REQUIREMENT	CONTROL	BOARD LOCATION	INDICATION	BOARD LOCATION	TASK WORKSHEET COMPLETED	STEP JUSTIFIED BY		COMMENTS
							GENERIC	PLANT SPECIFIC	
1	FOLDOUT PAGE (Attachment 1) <u>RCP TRIP CRITERIA</u> Trip all RCPs if BOTH conditions listed below occur. a. CCP or SI pump - AT LEAST ONE RUNNING b. RCS subcooling - LESS THAN 15°F (RCS to Secondary Differential Pressure - LESS THAN 480 PSID FOR ADVERSE CONTAINMENT)	RCP	CB-05	CCP Status Lights SI Pump Status Lights RCS Subcooling RCS Pressure - Wide Range Main Steamline Pressure RCP <sub>2f</sub>	CB-06 CB-02 CB-05 CB-05 CB-08	Yes	X	-	RCP Trip Criteria Plant Specific
2	<u>SI ACTUATION CRITERIA</u> Actuate SI and go to EOP-0.0, REACTOR TRIP OR SAFETY INJECTION, Step 1, if EITHER condition listed below occurs. -RCS Subcooling - LESS THAN 15°F (45°F FOR ADVERSE CONTAINMENT) -PRZR level - CANNOT BE MAINTAINED GREATER THAN 20% (35% FOR ADVERSE CONTAINMENT)	SI Actuation	CB-02 or CB-07	RCS Subcooling PRZR Level 1-ALB-6C(WL 1-7/2-7/3-7/4-7) Permissive Control Interlock Panel(WL 1-8)	CB-05 CB-05 CB-07 CB-07	Yes	X	-	RCS Subcooling Plant Specific PRZR Level Plant Specific
3	<u>ADVERSE CONTAINMENT</u> Adverse containment parameters shall be used if any condition below exists -Containment pressure - GREATER THAN 5 PSIG -OR- -Containment radiation - GREATER THAN 10 <sup>5</sup> R/HR -OR- -Integrated containment radiation dose - GREATER THAN 10 <sup>6</sup> RADS (to be determined by TSC staff)	-	-	Containment Pressure RM-11	CB-03 RM-11 Panel	Yes	-	X	
4	<u>AFW SUPPLY SWITCHOVER CRITERION</u> IF CST level decreases to less than 10%, THEN switch to alternate AFW water supply.	SSW to AFW Suction Valve	CB-09	CST Level SSW to AFW Suction Valve Status Lights	CB-09 CB-09	Yes	X	-	CST Level Plant Specific
5	<u>EMERGENCY PLAN ACTIVATION CRITERION</u> Reference EPP-201, ASSESSMENT OF EMERGENCY ACTION LEVELS AND PLAN ACTIVATION to determine if this event requires activation of the emergency plan.	-	-	-	-	-	-	X	

COMPLETED BY: H.C. ConwayREVIEWED BY: Rafael Flores

ENGINEER

DATE: 3/8/85PAGE  
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CPSES  
EMEGENCY RESPONSE GUIDELINE TASK ANALYSIS

PLANT SPECIFIC  
REVISION NO. 0

GUIDELINE NO.  
EOS-0.0

GUIDELINE NAME: REDIAGNOSIS

REVISION DATE  
DEC 01 1984

PAGE 1 OF 3

CONTROL WORKSHEET

CONTROL: AFW Pump SSW Suction Valve

REQUIRED CHARACTERISTICS: 1) Operate Valve - Open

COMPLETED BY: Greg Kilpatrick

DATE: OCT 19 1984

CHARACTERISTICS  
JUSTIFICATION

CONTROL NUMBER	POSITIONS	INDICATIONS	COMMENTS	REF. USED
1-HS-2480	Close/Open	Close/Open	Valve is Keylocked Positioned	
1-HS-2481	Close/Open	Close/Open	See comment above	
1-HS-2482	Close/Open	Close/Open	See comment above	
1-HS-4395	Close/Open	Close/Open	See comment above	
1-HS-4396	Close/Open	Close/Open	See comment above	

Control meets the requirements specified in the Rev. 1 Generic

Background Documentation: YES NO Engineer: Rafael Flores

Comments: \_\_\_\_\_

PROCEDURES REFERENCED: REFER TO MASTER COPY

CPSES  
EMEGENCY RESPONSE GUIDELINE TASK ANALYSIS

PLANT SPECIFIC  
REVISION NO. 0

GUIDELINE NO.  
EOS-0.0

GUIDELINE NAME: REDIAGNOSIS

REVISION DATE  
DEC 01 1984

PAGE 2 OF 3

CONTROL WORKSHEET

CONTROL: Safety Injection Actuation

REQUIRED CHARACTERISTICS: 1) Actuate SI

COMPLETED BY: Greg Kilpatrick

DATE: OCT 19 1984

CHARACTERISTICS  
JUSTIFICATION

CONTROL NUMBER	POSITIONS	INDICATIONS	COMMENTS	REF. USED
1/1-SIA1	NORM/ACT	PCIP		
1/1-SIA2	NORM/ACT	PCIP		

Control meets the requirements specified in the Rev. 1 Generic

Background Documentation: YES NO Engineer: Rafael Flow

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

PROCEDURES REFERENCED: REFER TO MASTER COPY

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\_\_\_\_\_

CPSES EMEGENCY RESPONSE GUIDELINE TASK ANALYSIS	PLANT SPECIFIC REVISION NO. 0	GUIDELINE NO. EOS-0.0
GUIDELINE NAME: REDIAGNOSIS	REVISION DATE DEC 01 1984	PAGE 3 OF 3

CONTROL WORKSHEET

CONTROL: Reactor Coolant Pump

REQUIRED CHARACTERISTICS: 1) Operate Pump - Stop

COMPLETED BY: Greg Kilpatrick DATE: OCT 19 1984

CHARATERISTICS  
JUSTIFICATION

CONTROL NUMBER	POSITIONS	INDICATIONS	COMMENTS	REF. USED
1-PCPX1	Stop/Start	Stop/Mismatch- Trip/Run		
1/1-PCPX2	Stop/Start	Stop/Mismatch- Trip/Run		
1/1-PCPX3	Stop/Start	Stop/Mismatch- Trip/Run		
1/1-PCPX4	Stop/Start	Stop/Mismatch- Trip/Run		

Control meets the requirements specified in the Rev. 1 Generic

Background Documentation: YES NO Engineer: Rafael Floru

Comments: \_\_\_\_\_

PROCEDURES REFERENCED: REFER TO MASTER COPY

CPSES EMEGENCY RESPONSE GUIDELINE TASK ANALYSIS	PLANT SPECIFIC REVISION NO. 0	GUIDELINE NO. EOS-0.0
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# INDICATOR WORKSHEET

INSTRUMENT: First Out Annunciator 1-ALB-6C

REQUIRED CHARACTERISTICS: 1) Indicate Man/Auto SI  
Actuation

COMPLETED BY: Greg Kilpatrick

DATE: OCT 1 1984

CHARATERISTICS
JUSTIFICATION

INSTRUMENT NUMBER	SCALE UNITS	RANGE	INCREMENTS	TOLERANCES	POST ACC. MONITORING	REFERENCES USED
WL 1-7	-	-	-	-	-	-
MAN SI ACT						
WL 2-7 B	-	-	-	-	-	-
PRZR PRESS						
LO SI ACT						
WL 3-7	-	-	-	-	-	-
MSL PRESS						
LO SI ACT						
WL 4-7	-	-	-	-	-	-
CNTMT PRESS						
HI SI ACT						

Instrumentation meets the requirments specified in the Rev.1 Generic

Background Documentation: (YES) NO Engineer: Rafael Flow

Comments: \_\_\_\_\_

PROCEDURES REFERENCED: REFER TO MASTER COPY

CPSES EMEGENCY RESPONSE GUIDELINE TASK ANALYSIS	PLANT SPECIFIC REVISION NO. 0	GUIDELINE NO. EOS-0.0
GUIDELINE NAME: REDIAGNOSIS	REVISION DATE DEC 01 1984	PAGE 2 OF 29

INDICATOR WORKSHEET

INSTRUMENT: Permissive Control Interlock Panel  
(Page 1 of 4)

REQUIRED CHARACTERISTICS: 1) Indicate Man/Auto SI  
Actuation

COMPLETED BY: Greg Kilpatrick DATE: OCT 19 1984

| CHARACTERISTICS |  
| JUSTIFICATION |

INSTRUMENT NUMBER	SCALE UNITS	RANGE	INCREMENTS	TOLERANCES	POST ACC. MONITORING	REFERENCES USED
WL 1-8 SI ACT	-	-	-	-	-	-
WL 2-8 AUTO SI BLOCKED	-	-	-	-	-	-

Instrumentation meets the requirments specified in the Rev.1 Generic  
Background Documentation: YES NO Engineer: Rafael Blous  
Comments: \_\_\_\_\_

PROCEDURES REFERENCED: REFER TO MASTER COPY









CPSES  
EMEGENCY RESPONSE GUIDELINE TASK ANALYSIS

PLANT SPECIFIC  
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GUIDELINE NAME: REDIAGNOSIS

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INSTRUMENT: Safety Injection Pump Status Lights

REQUIRED CHARACTERISTICS: 1) Indicate Pump Status -  
Running

COMPLETED BY: Greg Kilpatrick

DATE: \_\_\_\_\_

OCT 19 1984

CHARACTERISTICS  
JUSTIFICATION

Instrumentation meets the requirements specified in the Rev.1 Generic

Background Documentation: (YES) NO Engineer: Rafael Vilas

Comments: See Master.

PROCEDURES REFERENCED: REFER TO MASTER COPY

CPSES EMERGENCY RESPONSE GUIDELINE TASK ANALYSIS	PLANT SPECIFIC REVISION NO. 0	GUIDELINE NO. EOS-0.0
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### INDICATOR WORKSHEET

INSTRUMENT: Containment Pressure

REQUIRED CHARACTERISTICS: 1) Indicate > 3 psig

2) Indicate > 5 psig

COMPLETED BY: Greg Kilpatrick

DATE: OCT 19 1984

CHARACTERISTICS  
JUSTIFICATION

INSTRUMENT NUMBER	SCALE UNITS	RANGE	INCREMENTS	TOLERANCES	POST ACC. MONITORING	REFERENCES USED
1-PI-934	PSIG	-5-60	1	±1.3 PSIG	YES	SC-57-08 (Tol)
1-PI-935	PSIG	-5-60	1	±1.3 PSIG	YES	SC-57-08 (Tol)
1-PI-936	PSIG	-5-60	1	±1.3 PSIG	YES	SC-57-08 (Tol)
1-PI-937	PSIG	-5-60	1	±1.3 PSIG	YES	SC-57-10 (Tol)

Instrumentation meets the requirements specified in the Rev.1 Generic

Background Documentation: YES NO Engineer: Rafael Blanes

Comments: \_\_\_\_\_

PROCEDURES REFERENCED: REFER TO MASTER COPY

CPSES EMEGENCY RESPONSE GUIDELINE TASK ANALYSIS	PLANT SPECIFIC REVISION NO. 0	GUIDELINE NO. EOS-0.0
GUIDELINE NAME: REDIAGNOSIS	REVISION DATE <b>DEC 01 1984</b>	PAGE 7 OF <b>29</b>

INDICATOR WORKSHEET

INSTRUMENT: Main Steamline Pressure  
(Page 1 of 2)

REQUIRED CHARACTERISTICS: 1) Indicate Stable or Increasing Pressure 2) Indicate Decreasing Pressure 3) Indicate 0

COMPLETED BY: Greg Kilpatrick DATE: OCT 19 1984

CHARACTERISTICS  
JUSTIFICATION

INSTRUMENT NUMBER	SCALE UNITS	RANGE	INCREMENTS	TOLERANCES	POST ACC. MONITORING	REFERENCES USED
1-PI-514A	PSIG	0-1300	20	+32.5 PSIG	YES	SC-34-07 (Tol)
1-PI-515A	PSIG	0-1300	20	+32.5 PSIG	YES	SC-34-18 (Tol)
1-PI-516A	PSIG	0-1300	20	+32.5 PSIG	YES	SC-34-05 (Tol)
1-PI-524A	PSIG	0-1300	20	+32.5 PSIG	YES	SC-34-07 (Tol)
1-PI-525A	PSIG	0-1300	20	+32.5 PSIG	YES	SC-34-18 (Tol)
1-PI-526A	PSIG	0-1300	20	+32.5 PSIG	YES	SC-34-05 (Tol)
1-PI-534A	PSIG	0-1300	20	+32.5 PSIG	YES	SC-34-07 (Tol)
1-PI-535A	PSIG	0-1300	20	+32.5 PSIG	YES	SC-34-18 (Tol)
1-PI-536A	PSIG	0-1300	20	+32.5 PSIG	YES	SC-34-05 (Tol)

Instrumentation meets the requirments specified in the Rev.1 Generic

Background Documentation: YES NO Engineer: Rafael Flores

Comments: \_\_\_\_\_

PROCEDURES REFERENCED: REFER TO MASTER COPY

CPSSES  
EMEGENCY RESPONSE GUIDELINE TASK ANALYSIS

PLANT SPECIFIC  
REVISION NO. 0

GUIDELINE NO.  
EOS-0.0

GUIDELINE NAME: REDIAGNOSIS

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OFC 11 1984

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INDICATOR WORKSHEET

INSTRUMENT: Main Steamline Pressure  
(Page 2 of 2)

REQUIRED CHARACTERISTICS: 1) Indicate Stable or Increasing  
Pressure 2) Indicate Decreasing Pressure 3) Indicate 0

COMPLETED BY: Greg Kilpatrick

DATE:

OCT 19 1984

CHARACTERISTICS  
JUSTIFICATION

INSTRUMENT NUMBER	SCALE UNITS	RANGE	INCREMENTS	TOLERANCES	POST ACC. MONITORING	REFERENCES USED
1-PI-544A	PSIG	0-1300	20	±32.5 PSIG	YES	SC-34-07 (Tol)
1-PI-545A	PSIG	0-1300	20	±32.5 PSIG	YES	SC-34-18 (Tol)
1-PI-546A	PSIG	0-1300	20	±32.5 PSIG	YES	SC-34-05 (Tol)
1-PI-2325	PSIG	0-1500	20	±30.0 PSIG	NO	SC-34-14 (Tol)
1-PI-2326	PSIG	0-1500	20	±30.0 PSIG	NO	SC-34-14 (Tol)
1-PI-2327	PSIG	0-1500	20	±30.0 PSIG	NO	SC-34-14 (Tol)
1-PI-2328	PSIG	0-1500	20	±30.0 PSIG	NO	SC-34-14 (Tol)

Instrumentation meets the requirments specified in the Rev.1 Generic

Background Documentation: (YES) NO Engineer: Rafael Plau

Comments:

PROCEDURES REFERENCED: REFER TO MASTER COPY

CPSES EMEGENCY RESPONSE GUIDELINE TASK ANALYSIS	PLANT SPECIFIC REVISION NO. 0	GUIDELINE NO. EOS-0.0
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INDICATOR WORKSHEET

INSTRUMENT: Steam Generator Level - Narrow Range  
(Page 1 of 2)

REQUIRED CHARACTERISTICS: 1) Indicate Increasing Level

COMPLETED BY: Greg Kilpatrick

DATE: OCT 19 1984

| CHARACTERISTICS |  
| JUSTIFICATION |

INSTRUMENT NUMBER	SCALE UNITS	RANGE	INCREMENTS	TOLERANCES	POST ACC. MONITORING	REFERENCES USED
1-LI-517	% LVL	0-100	2	±2.5% LVL	YES	SC-34-04 (Tol)
1-LI-518	% LVL	0-100	2	±2.5% LVL	YES	SC-34-10 (Tol)
1-LI-519	% LVL	0-100	2	±2.5% LVL	YES	SC-34-19 (Tol)
1-LI-551	% LVL	0-100	2	±2.5% LVL	YES	SC-34-17 (Tol)
1-LI-527	% LVL	0-100	2	±2.5% LVL	YES	SC-34-04 (Tol)
1-LI-528	% LVL	0-100	2	±2.5% LVL	YES	SC-34-10 (Tol)
1-LI-529	% LVL	0-100	2	±2.5% LVL	YES	SC-34-19 (Tol)
1-LI-552	% LVL	0-100	2	±2.5% LVL	YES	SC-34-17 (Tol)
1-LI-537	% LVL	0-100	2	±2.5% LVL	YES	SC-34-04 (Tol)

Instrumentation meets the requirements specified in the Rev.1 Generic

Background Documentation: YES NO Engineer: Rafael Flores

Comments: \_\_\_\_\_

PROCEDURES REFERENCED: REFER TO MASTER COPY



CPSES EMEGENCY RESPONSE GUIDELINE TASK ANALYSIS	PLANT SPECIFIC REVISION NO. 0	GUIDELINE NO. EOS-0.0
GUIDELINE NAME: REDIAGNOSIS	REVISION DATE DEC 01 1984	PAGE 10 OF 29

### INDICATOR WORKSHEET

INSTRUMENT: Steam Generator Level - Narrow Range  
(Page 2 of 2)

REQUIRED CHARACTERISTICS: 1) Indicate Increasing Level

COMPLETED BY: Greg Kilpatrick DATE: OCT 19 1984

CHARATERISTICS
JUSTIFICATION

INSTRUMENT NUMBER	SCALE UNITS	RANGE	INCREMENTS	TOLERANCES	POST ACC. MONITORING	REFERENCES USED
1-LI-538	% LVL	0-100	2	+2.5% LVL	YES	SC-34-10 (Tol)
1-LI-539	% LVL	0-100	2	+2.5% LVL	YES	SC-34-19 (Tol)
1-LI-553	% LVL	0-100	2	+2.5% LVL	YES	SC-34-17 (Tol)
1-LI-547	% LVL	0-100	2	+2.5% LVL	YES	SC-34-04 (Tol)
1-LI-548	% LVL	0-100	2	+2.5% LVL	YES	SC-34-10 (Tol)
1-LI-549	% LVL	0-100	2	+2.5% LVL	YES	SC-34-19 (Tol)
1-LI-554	% LVL	0-100	2	+2.5% LVL	YES	SC-34-17 (Tol)

Instrumentation meets the requirments specified in the Rev.1 Generic

Background Documentation: YES NO Engineer: Rafael Olave

Comments: \_\_\_\_\_

PROCEDURES REFERENCED: REFER TO MASTER COPY





CPSES EMEGENCY RESPONSE GUIDELINE TASK ANALYSIS	PLANT SPECIFIC REVISION NO. 0	GUIDELINE NO. EOS-0.0
GUIDELINE NAME: REDIAGNOSIS	REVISION DATE <b>DEC 31 1984</b>	PAGE 12 OF 29

INDICATOR WORKSHEET

INSTRUMENT: Main Steamline Isolation Bypass Valve Status Lights

REQUIRED CHARACTERISTICS: 1) Indicate Valve Position -  
Closed

COMPLETED BY: Greg Kilpatrick DATE: OCT 19 1984

| CHARACTERISTICS |  
| JUSTIFICATION |

INSTRUMENT NUMBER	SCALE UNITS	RANGE	INCREMENTS	TOLERANCES	POST ACC. MONITORING	REFERENCES USED
1-HS-2333B	-	-	-	-	-	-
1-HS-2334B	-	-	-	-	-	-
1-HS-2335B	-	-	-	-	-	-
1-HS-2336B	-	-	-	-	-	-

Instrumentation meets the requirments specified in the Rev.1 Generic

Background Documentation: (YES) NO Engineer: Rafael Flores

Comments: See Master

PROCEDURES REFERENCED: REFER TO MASTER COPY

CPSES  
EMEGENCY RESPONSE GUIDELINE TASK ANALYSIS

PLANT SPECIFIC  
REVISION NO. 0

GUIDELINE NO.  
EOS-0.0

GUIDELINE NAME: REDIAGNOSIS

REVISION DATE  
DEC 01 1984

PAGE 13 OF 29

INDICATOR WORKSHEET

INSTRUMENT: Pressurizer Pressure

REQUIRED CHARACTERISTICS: 1) Indicate < 1830 psig

COMPLETED BY: Greg Kilpatrick

DATE: OCT 19 1984

CHARACTERISTICS  
JUSTIFICATION

INSTRUMENT NUMBER	SCALE UNITS	RANGE	INCREMENTS	TOLERANCES	POST ACC. MONITORING	REFERENCES USED
1-PI-455A	PSIG	1700- 2500	10	±20 PSIG	NO	SC-55-72 (Tol)
1-PI-456	PSIG	1700- 2500	10	±20 PSIG	NO	SC-55-72 (Tol)
1-PI-457	PSIG	1700- 2500	10	±20 PSIG	NO	SC-55-72 (Tol)
1-PI-458	PSIG	1700- 2500	10	±20 PSIG	NO	SC-55-72 (Tol)

Instrumentation meets the requirements specified in the Rev.1 Generic

Background Documentation: (YES) NO Engineer: Rafael Flores

Comments: \_\_\_\_\_

PROCEDURES REFERENCED: REFER TO MASTER COPY

CPSES EMEGENCY RESPONSE GUIDELINE TASK ANALYSIS	PLANT SPECIFIC REVISION NO. 0	GUIDELINE NO. EOS-0.0
GUIDELINE NAME: REDIAGNOSIS	REVISION DATE <b>DEC 01 1984</b>	PAGE 14 OF 29

INDICATOR WORKSHEET

INSTRUMENT: RCS Subcooling

REQUIRED CHARACTERISTICS: 1) Indicate < 15<sup>°</sup>F Subcooled

COMPLETED BY: Greg Kilpatrick

DATE: OCT 19 1984

CHARACTERISTICS  
JUSTIFICATION

INSTRUMENT NUMBER	UNITS	SCALE RANGE	INCREMENTS	TOLERANCES	POST ACC. MONITORING	REFERENCES USED
1-TI-3611-1	F SC	300-0	10	±12 F	YES	*
	F SH	0-300				
1-TI-3612-1	F SC	300-0	10	±12 F	YES	*
	F SH	0-300				

Instrumentation meets the requirments specified in the Rev.1 Generic  
Background Documentation: YES NO Engineer: Rafael Flores  
Comments: \* A conservative error of 2% was used. This assumption is  
consistent with known values for this type instrument.

PROCEDURES REFERENCED: REFER TO MASTER COPY

CPSES EMEGENCY RESPONSE GUIDELINE TASK ANALYSIS	PLANT SPECIFIC REVISION NO. 0	GUIDELINE NO. EOS-0.0
GUIDELINE NAME: REDIAGNOSIS	REVISION DATE DEC 01 1984	PAGE 15 OF 29

INDICATOR WORKSHEET

INSTRUMENT: RM-11

REQUIRED CHARACTERISTICS: 1) Indicate High Radiation

COMPLETED BY: Greg Kilpatrick DATE: OCT 19 1984

CHARATERISTICS
JUSTIFICATION

INSTRUMENT NUMBER	SCALE UNITS	RANGE	INCREMENTS	TOLERANCES	POST ACC. MONITORING	REFERENCES USED
GRID 1	-	-	-	-	-	-
GRID 2	-	-	-	-	-	-
GRID 3	-	-	-	-	-	-
GRID 4	-	-	-	-	-	-
GRID 5	-	-	-	-	-	-
GRID 6	-	-	-	-	-	-

Instrumentation meets the requirments specified in the Rev.1 Generic

Background Documentation: (YES) NO Engineer: Rafael Flores

Comments: Each Grid displays individual monitors. These monitors  
indicate GREEN in normal, YELLOW in alert, and RED in alarm. Each  
monitor can be selected for actual radiation level determination.

PROCEDURES REFERENCED: REFER TO MASTER COPY

CPSES AGENCY RESPONSE GUIDELINE TASK ANALYSIS	PLANT SPECIFIC REVISION NO. 0	GUIDELINE NO. EOS-0.0
GUIDELINE NAME: REDIAGNOSIS	REVISION DATE DEC 01 1984	PAGE 16 OF 29

INDICATOR WORKSHEET

INSTRUMENT: Pressurizer Level - Hot Calibrated

REQUIRED CHARACTERISTICS: 1) Indicate Level <sup>></sup> 20%  
> 35%. <sub>RE</sub>

COMPLETED BY: Greg Kilpatrick DATE: OCT 19 1984

| CHARATERISTICS |  
| JUSTIFICATION |

INSTRUMENT NUMBER	SCALE UNITS	RANGE	INCREMENTS	TOLERANCES	POST ACC. MONITORING	REFERENCES USED
1-LI-459A	% LVL	0-100	2	+2% LVL	YES	SC-55-49 (Tol)
1-LI-460	% LVL	0-100	2	+2% LVL	YES	SC-55-49 (Tol)
1-LI-461	% LVL	0-100	2	+2% LVL	YES	SC-55-49 (Tol)

Instrumentation meets the requirments specified in the Rev.1 Generic  
 Background Documentation: (YES) NO Engineer: Rafael Florn  
 Comments: \_\_\_\_\_

PROCEDURES REFERENCED: REFER TO MASTER COPY

CPSES  
EMERGENCY RESPONSE GUIDELINE TASK ANALYSIS

PLANT SPECIFIC  
REVISION NO. 0

GUIDELINE NO.  
EOS-0.0

GUIDELINE NAME: REDIAGNOSIS

REVISION DATE  
DEC 01 1984

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INDICATOR WORKSHEET

INSTRUMENT: Reactor Coolant Pump Status Lights

REQUIRED CHARACTERISTICS: 1) Indicate Pump Status -  
Stopped

COMPLETED BY: Greg Kilpatrick DATE: OCT 19 1984

CHARACTERISTICS  
JUSTIFICATION

INSTRUMENT NUMBER	UNITS	SCALE RANGE	INCREMENTS	TOLERANCES	POST ACC. MONITORING	REFERENCES USED
1/1-PCPX1	-	-	-	-	-	-
1/1-PCPX2	-	-	-	-	-	-
1/1-PCPX3	-	-	-	-	-	-
1/1-PCPX4	-	-	-	-	-	-

Instrumentation meets the requirements specified in the Rev.1 Generic

Background Documentation: YES NO Engineer: Rafael Flaw

Comments: See Master

PROCEDURES REFERENCED: REFER TO MASTER COPY

CPSES EMERGENCY RESPONSE GUIDELINE TASK ANALYSIS	PLANT SPECIFIC REVISION NO. 0	GUIDELINE NO. EOS-0.0
GUIDELINE NAME: REDIAGNOSIS	REVISION DATE <b>DEC 01 1984</b>	PAGE 18 OF 29

INDICATOR WORKSHEET

INSTRUMENT: Aux Feedwater Isolation Valve Status Lights

REQUIRED CHARACTERISTICS: 1) Indicate Valve Position -  
Closed

COMPLETED BY: Greg Kilpatrick DATE: OCT 19 1984

CHARACTERISTICS  
JUSTIFICATION

INSTRUMENT NUMBER	SCALE UNITS	RANGE	INCREMENTS	TOLERANCES	POST ACC. MONITORING	REFERENCES USED
1-ZL-2491A	-	-	-	-	-	-
1-ZL-2491B	-	-	-	-	-	-
1-ZL-2492A	-	-	-	-	-	-
1-ZL-2492B	-	-	-	-	-	-
1-ZL-2493A	-	-	-	-	-	-
1-ZL-2493B	-	-	-	-	-	-
1-ZL-2494A	-	-	-	-	-	-
1-ZL-2494B	-	-	-	-	-	-

Instrumentation meets the requirements specified in the Rev.1 Generic

Background Documentation: (YES) NO Engineer: Rafael Flores

Comments: See Master

PROCEDURES REFERENCED: REFER TO MASTER COPY



CPSES MEGECY RESPONSE GUIDELINE TASK ANALYSIS	PLANT SPECIFIC REVISION NO. 0	GUIDELINE NO. 20S-0.0
GUIDELINE NAME: REDIAGNOSIS	REVISION DATE DEC 01 1984	PAGE 19 OF 29

INDICATOR WORKSHEET

INSTRUMENT: Steamline Dripping Isolation Status Lights

REQUIRED CHARACTERISTICS: 1) Indicate Valve Position  
Closed

COMPLETED BY: Greg Kilpatrick DATE: OCT 19 1984

| CHARACTERISTICS |  
| JUSTIFICATION |

INSTRUMENT NUMBER	SCALE UNITS	RANGE	INCREMENTS	TOLERANCES	POST ACC. MONITORING	REFERENCES USED
1-HS-2409	-	-	-	-	-	-
1-HS-2410	-	-	-	-	-	-
1-HS-2411	-	-	-	-	-	-
1-HS-2412	-	-	-	-	-	-

Instrumentation meets the requirements specified in the Rev.1 Generic

Background Documentation: (YES) NO Engineer: Rafael Flores

Comments: See Master.

PROCEDURES REFERENCED: REFER TO MASTER COPY



CPSES  
EMEGENCY RESPONSE GUIDELINE TASK ANALYSIS

PLANT SPECIFIC  
REVISION NO. 0

GUIDELINE NO.  
EOS-0.0

GUIDELINE NAME: REDIAGNOSIS

REVISION DATE  
DEC 01 1984

PAGE 21 OF 29

INDICATOR WORKSHEET

INSTRUMENT: Main FW Control Valve Status Lights

REQUIRED CHARACTERISTICS: 1) Indicate Valve Position -  
Closed

COMPLETED BY: Greg Kilpatrick

DATE: OCT 19 1984

CHARACTERISTICS  
JUSTIFICATION

INSTRUMENT NUMBER	SCALE UNITS	RANGE	INCREMENTS	TOLERANCES	POST ACC. MONITORING	REFERENCES USED
1-ZL-510	-	-	-	-	-	-
1-ZL-520	-	-	-	-	-	-
1-ZL-530	-	-	-	-	-	-
1-ZL-540	-	-	-	-	-	-

Instrumentation meets the requirments specified in the Rev.1 Generic

Background Documentation: (YES) NO Engineer: Rafael Flores

Comments: See Master

PROCEDURES REFERENCED: REFER TO MASTER COPY

CPSES EMERGENCY RESPONSE GUIDELINE TASK ANALYSIS	PLANT SPECIFIC REVISION NO. 0	GUIDELINE NO. EOS-0.0
GUIDELINE NAME: REDIAGNOSIS	REVISION DATE DEC 01 1984	PAGE 22 OF 29

INDICATOR WORKSHEET

INSTRUMENT: Main Feed Isolation Valve Status Lights

REQUIRED CHARACTERISTICS: 1) Indicate Valve Position -  
Closed

COMPLETED BY: Greg Kilpatrick DATE: OCT 19 1984

| CHARACTERISTICS |  
| JUSTIFICATION |

INSTRUMENT NUMBER	SCALE UNITS	RANGE	INCREMENTS	TOLERANCES	POST ACC. MONITORING	REFERENCES USED
1-HS-2134	-	-	-	-	-	-
1-HS-2135	-	-	-	-	-	-
1-HS-2136	-	-	-	-	-	-
1-HS-2137	-	-	-	-	-	-

Instrumentation meets the requirments specified in the Rev.1 Generic

Background Documentation: (YES) NO Engineer: Rafael Flores

Comments: See Master

PROCEDURES REFERENCED: REFER TO MASTER COPY

CPSES EMEGENCY RESPONSE GUIDELINE TASK ANALYSIS	PLANT SPECIFIC REVISION NO. 0	GUIDELINE NO. EOS-0.0
GUIDELINE NAME: REDIAGNOSIS	REVISION DATE DEC 01 1984	PAGE 23 OF 29

INDICATOR WORKSHEET

INSTRUMENT: Main Feed Isolation Bypass Valve Status Lights

REQUIRED CHARACTERISTICS: 1) Indicate Valve Position -  
Closed

COMPLETED BY: Greg Kilpatrick DATE: \_\_\_\_\_

| CHARACTERISTICS |  
| JUSTIFICATION |

INSTRUMENT NUMBER	SCALE UNITS	RANGE	INCREMENTS	TOLERANCES	POST ACC. MONITORING	REFERENCES USED
1-HS-2185	-	-	-	-	-	-
1-HS-2186	-	-	-	-	-	-
1-HS-2187	-	-	-	-	-	-
1-HS-2188	-	-	-	-	-	-

Instrumentation meets the requirments specified in the Rev.1 Generic

Background Documentation: (YES) NO Engineer: Rafael Flores

Comments: See Master

PROCEDURES REFERENCED: REFER TO MASTER COPY

CPSES EMEGENCY RESPONSE GUIDELINE TASK ANALYSIS	PLANT SPECIFIC REVISION NO. 0	GUIDELINE NO. EOS-0.0
GUIDELINE NAME: REDIAGNOSIS	REVISION DATE DEC 11 1984	PAGE 24 OF 29

INDICATOR WORKSHEET

INSTRUMENT: Steam Generator Blowdown Isolation Status Lights

REQUIRED CHARACTERISTICS: 1) Indicate Valve Position -  
Closed

COMPLETED BY: Greg Kilpatrick DATE: OCT 19 1984

| CHARACTERISTICS |  
| JUSTIFICATION |

INSTRUMENT NUMBER	SCALE UNITS	RANGE	INCREMENTS	TOLERANCES	POST ACC. MONITORING	REFERENCES USED
1-HS-2397	-	-	-	-	-	-
1-HS-2398	-	-	-	-	-	-
1-HS-2399	-	-	-	-	-	-
1-HS-2400	-	-	-	-	-	-

Instrumentation meets the requirments specified in the Rev.1 Generic

Background Documentation: (YES) NO Engineer: Rafael Flores

Comments: See Master.

PROCEDURES REFERENCED: REFER TO MASTER COPY

CPSES EMEGENCY RESPONSE GUIDELINE TASK ANALYSIS	PLANT SPECIFIC REVISION NO. 0	GUIDELINE NO. EOS-0.0
GUIDELINE NAME: REDIAGNOSIS	REVISION DATE DEC 01 1984	PAGE 25 OF 29

INDICATOR WORKSHEET

INSTRUMENT: Steam Generator Sample Isolation Status Lights

REQUIRED CHARACTERISTICS: 1) Indicate Valve Position -  
Closed

COMPLETED BY: Greg Kilpatrick DATE: OCT 19 1984

CHARATERISTICS  
JUSTIFICATION

INSTRUMENT NUMBER	SCALE UNITS	RANGE	INCREMENTS	TOLERANCES	POST ACC. MONITORING	REFERENCES USED
1-ZL-2405B	-	-	-	-	-	-
1-ZL-2406B	-	-	-	-	-	-
1-ZL-2407B	-	-	-	-	-	-
1-ZL-2408B	-	-	-	-	-	-

Instrumentation meets the requirments specified in the Rev.1 Generic  
Background Documentation: YES NO Engineer: Rafael Flores  
Comments: See Master

PROCEDURES REFERENCED: REFER TO MASTER COPY



CPSES  
EMEGENCY RESPONSE GUIDELINE TASK ANALYSIS

PLANT SPECIFIC  
REVISION NO. 0

GUIDELINE NO.  
EOS-0.0

GUIDELINE NAME: REDIAGNOSIS

REVISION DATE

DEC 01 1984

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INDICATOR WORKSHEET

INSTRUMENT: Steam Generator Atmospheric Relief Status Lights

REQUIRED CHARACTERISTICS: 1) Indicate Valve Position -  
Closed

COMPLETED BY: Greg Kilpatrick

DATE: OCT 19 1984

CHARACTERISTICS  
JUSTIFICATION

INSTRUMENT NUMBER	UNITS	SCALE RANGE	INCREMENTS	TOLERANCES	POST ACC. MONITORING	REFERENCES USED
1-ZL-2325	-	-	-	-	-	-
1-ZL-2326	-	-	-	-	-	-
1-ZL-2327	-	-	-	-	-	-
1-ZL-2328	-	-	-	-	-	-

Instrumentation meets the requirments specified in the Rev.1 Generic

Background Documentation: YES NO Engineer: Rafael Flores

Comments: See Master

PROCEDURES REFERENCED: REFER TO MASTER COPY

GUIDELINE NAME: REDIAGNOSIS

REVISION DATE  
DEC 01 1984

PAGE 27 OF 29

INDICATOR WORKSHEET

INSTRUMENT: AFW Pump SSW Suction Valve Status Lights

REQUIRED CHARACTERISTICS: 1) Indicate Valve Position -  
Open

COMPLETED BY: Greg Kilpatrick DATE: OCT 19 1984

CHARATERISTICS  
JUSTIFICATION

INSTRUMENT NUMBER	SCALE UNITS	RANGE	INCREMENTS	TOLERANCES	POST ACC. MONITORING	REFERENCES USED
1-HS-2480	-	-	-	-	-	-
1-HS-2481	-	-	-	-	-	-
1-HS-2482	-	-	-	-	-	-
1-HS-4395	-	-	-	-	-	-
1-HS-4396	-	-	-	-	-	-

Instrumentation meets the requirments specified in the Rev.1 Generic

Background Documentation: (YES) NO Engineer: Rafael Flou

Comments: See Master.

PROCEDURES REFERENCED: REFER TO MASTER COPY

CPSES EMERGENCY RESPONSE GUIDELINE TASK ANALYSIS	PLANT SPECIFIC REVISION NO. 0	GUIDELINE NO. EOS-0.0
GUIDELINE NAME: REDIAGNOSIS	REVISION DATE DEC 01 1984	PAGE 28 OF 29

## INDICATOR WORKSHEET

INSTRUMENT: Containment Chilled Water Supply Isolation  
Valve Status Lights

REQUIRED CHARACTERISTICS: Indicate Valve Open and  
Closed

COMPLETED BY: Greg Kilpatrick DATE: OCT 1 9 1994

CHARACTERISTICS
JUSTIFICATION

INSTRUMENT NUMBER	UNITS	SCALE RANGE	INCREMENTS	TOLERANCES	POST ACC. MONITORING	REFERENCES USED

Instrumentation meets the requirements specified in the Rev.1 Generic  
Background Documentation: YES NO Engineer: Rafael Filari  
Comments: Need Valve number.

PROCEDURES REFERENCED: REFER TO MASTER COPY

OPSES EMERGENCY RESPONSE GUIDELINE TASK ANALYSIS	PLANT SPECIFIC REVISION NO. 0	GUIDELINE NO. EOS-0.0
GUIDELINE NAME: REDIAGNOSIS	REVISION DATE DEC 01 1984	PAGE 29 OF 29

INDICATOR WORKSHEET

INSTRUMENT: Condensate Storage Tank Level

REQUIRED CHARACTERISTICS: Indicate >10%

COMPLETED BY: Greg Kilpatrick DATE: OCT 19 1984

CHARACTERISTICS  
JUSTIFICATION

INSTRUMENT NUMBER	SCALE UNITS	RANGE	INCREMENTS	TOLERANCES	POST ACC. MONITORING	REFERENCES USED
1-LI-2478A	% LVL	0-100	2	+2% Level	NO	SC-37-15 (Tol)
1-LI-2479A	% LVL	0-100	2	+2% Level	NO	SC-37-19 (Tol)

Instrumentation meets the requirements specified in the Rev.1 Generic

Background Documentation: YES NO Engineer: Rafael Flores

Comments: \_\_\_\_\_

PROCEDURES REFERENCED: REFER TO MASTER COPY

MASTER COPY FOR INDICATORS

	INDICATION	STATUS
VALVE	Green Light Illuminated	Closed
	Red Light Illuminated	Open
PUMP	Green Light Illuminated	Stopped
	Red Light Illuminated	Running
	Amber Light Illuminated	Note 1.

NOTES:

- (1): Handswitch position mismatched from component status.
- General: Both lights illuminated indicates valve in mid or throttled position.
- General: Neither light illuminated (with non-faulted bulbs) is indicative of a loss of removal of the components power supply.
- General: These guidelines apply to the status light worksheets. Any condition not applicable will be detailed in the comments portion of the worksheet.

Number: <b>ES-0.0</b>	Title: <b>REDIAGNOSIS</b>	Rev. Issue Date: <b>HP-Rev. 1 1 Sept. 1983</b>
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**A. PURPOSE**

This guideline provides a mechanism to allow the operator to determine or confirm the most appropriate post accident recovery guideline.

**B. SYMPTOMS OR ENTRY CONDITIONS**

This guideline is entered based on operator judgement.

**FOR INFORMATION  
ONLY**

Number: ES-0.0	Title: <b>REDIAGNOSIS</b>	Rev. Issue/Date: HP-Rev. 1 1 Sept. 1983
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STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED
	<p><i>NOTE</i> • <i>Foldout page should be open.</i></p> <p>• <i>This guideline should only be used if SI is in service or is required.</i></p>	
1	<p><b>Check If Any SG Is Not Faulted:</b></p> <p>a. Check pressures in all SGs - ANY STABLE OR INCREASING</p>	<p>a. <u>IF</u> a controlled cooldown is in progress, <u>THEN</u> go to Step 2. <u>IF NOT</u>, <u>THEN</u> the following applies:</p> <ul style="list-style-type: none"> <li>• <u>IF</u> main steamlines <u>NOT</u> isolated, <u>THEN</u> you should be in E-2, FAULTED STEAM GENERATOR ISOLATION.</li> </ul> <p>—OR—</p> <ul style="list-style-type: none"> <li>• <u>IF</u> main steamlines isolated, <u>THEN</u> you should be in ECA-2.1, UNCONTROLLED DEPRESSURIZATION OF ALL STEAM GENERATORS.</li> </ul>
2	<p><b>Check If All SGs Are Not Faulted:</b></p> <p>a. Check pressures in all SGs -</p> <ul style="list-style-type: none"> <li>• NO SG PRESSURE DECREASING IN AN UNCONTROLLED MANNER</li> <li>• NO SG COMPLETELY DEPRESSURIZED</li> </ul>	<p>a. Verify all faulted SG(s) isolated:</p> <ul style="list-style-type: none"> <li>• Steamlines.</li> <li>• Feedlines.</li> </ul> <p><u>IF NOT</u>, <u>THEN</u> you should be in E-2, FAULTED STEAM GENERATOR ISOLATION.</p>



Number: <b>ES-0.0</b>	Title: <b>REDIAGNOSIS</b>	Rev. Issue/Date: <b>HP-Rev. 1 1 Sept. 1983</b>
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STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED
3	<p>Check If SG Tubes Are Ruptured:</p> <ul style="list-style-type: none"> <li>• ANY SG LEVEL INCREASING IN AN UNCONTROLLED MANNER</li> </ul> <p>—OR—</p> <ul style="list-style-type: none"> <li>• ANY SG WITH HIGH RADIATION</li> </ul>	You should be in an E-1 or ECA-1 series guideline.
4	<p>You Should Be In An E-3 Or ECA-3 Series Guideline</p>	
— END —		

Number: ES-0.0	Title: REDIAGNOSIS	Rev. Issue Date: HP-Rev. 1 1 Sept. 1983
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FOOTNOTES

NONE USED IN THIS GUIDELINE

# FOR INFORMATION ONLY

BACKGROUND INFORMATION  
FOR  
WESTINGHOUSE OWNERS GROUP  
EMERGENCY RESPONSE GUIDELINE

ES-0.0  
REDIAGNOSIS

HP-Rev. 1  
September 1, 1983

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## 1. INTRODUCTION

Guideline ES-0.0, REDIAGNOSIS, provides a mechanism for the operator to either confirm that he is in the proper guideline or to direct him to the Optimal Recovery Guideline that should be in effect. Guideline ES-0.0 is entered based on operator judgment and is exited after the operator confirms that he is in the appropriate series of guidelines or is directed to the appropriate guideline. Rediagnosis only applies to Optimal Recovery Guidelines, not to Function Restoration Guidelines.

## 2. DESCRIPTION

Guideline ES-0.0, REDIAGNOSIS, is entered based on operator judgment, most likely when there is doubt in his mind that he is in the correct guideline. The applicability of the guideline is limited to those cases when 1) safety injection is in service or is required and 2) E-0 has been executed and a transition has been made to another Optimal Recovery Guideline. These include cases where the operator has not necessarily regained control of the plant and may question the diagnostic capabilities of E-1, LOSS OF REACTOR OR SECONDARY COOLANT; E-3, STEAM GENERATOR TUBE RUPTURE; and the foldout pages. Upon completion of guideline ES-0.0, the operator either confirms that he is in the correct series of guidelines or is directed to the appropriate guideline.

### 3. RECOVERY/RESTORATION TECHNIQUE

The objective of the recovery/restoration technique incorporated into guideline ES-0.0 is a summary of diagnostic steps in the Optimal Recovery Guidelines to allow the operator to quickly confirm that he is in the correct series of guidelines.

The following subsection provides a summary of the major categories of operator actions for guideline ES-0.0, REDIAGNOSIS:

#### 3.1 High Level Action Summary

A high level summary of the actions performed in ES-0.0 is given on the following page in the form of major action categories. These are discussed below in more detail.

##### o Check If Any SGs Are Not Faulted

The operator should first determine if any SG is non-faulted. If all SGs are faulted, then the appropriate guideline would be ECA-2.1, UNCONTROLLED DEPRESSURIZATION OF ALL STEAM GENERATORS.

##### o Check If Any SG Is Faulted and If It Was Isolated

The operator should determine if any SGs are faulted. If so, he then confirms that any faulted SGs are isolated or he is directed to E-2, FAULTED STEAM GENERATOR ISOLATION.

##### o Check If There Is a SGTR

If any SG is non-faulted and all faulted SGs are isolated, the operator then determines if any SG has a ruptured tube. If any tube is ruptured, then the appropriate guideline is either an E-3 or ECA-3 series guideline. If no tubes are ruptured, then the appropriate guideline is either an E-1 or ECA-1 series guideline.



MAJOR ACTION CATEGORIES IN ES-0.0

- o Check If Any SGs Are Not Faulted
- o Check If Any SG Is Faulted and If It Was Isolated
- o Check If There Is a SGTR

#### 4. DETAILED DESCRIPTION OF GUIDELINE

This section provides a very detailed discussion of the generic guideline ES-0.0 to facilitate utility EOP writing and training efforts. By presenting guideline background information in greater detail through the use of a structured format (i.e., step description tables, step sequence tables, and logic diagrams), plant specific applicability can be more easily determined. The separate and unique subsections containing this information follow.

##### 4.1 Detailed Description of Steps, Notes, and Cautions

This section contains a one-page (or more) step description table for each separate guideline step, note, and caution. Notes and cautions are always presented relative to the step they precede. Refer to the Users Guide in the Executive Volume for a discussion on the use of the step description tables.

The Step Description Tables for the 4 steps and associated notes of guideline ES-0.0 are presented on the following pages.

NOTE: Foldout page should be open.

PURPOSE: To remind the operator that the foldout page for the E-0 series of guidelines should be open

BASIS:

The foldout page provides a list of important items that should be continuously monitored. If any of the parameters exceed their limits, the appropriate operations should be initiated.

ACTIONS:

N/A

INSTRUMENTATION:

N/A

CONTROL/EQUIPMENT:

N/A

KNOWLEDGE:

Since each foldout page for a particular series of guidelines is potentially unique, the operator should know what items comprise each foldout page. Refer to the section FOLDOUT PAGE in the appropriate background documents and the document FOLDOUT PAGE ITEMS in the Generic Issues section of the Executive Volume.

PLANT-SPECIFIC INFORMATION:

N/A

STEP DESCRIPTION TABLE FOR ES-0.0

STEP 1 NOTE 2

NOTE: This guideline should only be used if SI is in service or is required.

PURPOSE: To remind the operator that ES-0.0 only applies when SI is in service or is required.

BASIS:

The particular sequence of steps in this guideline was based on the assumption that SI is in service or should be in service. Therefore, this guideline should be used only if SI is in service or is required and E-0, REACTOR TRIP OR SAFETY INJECTION, has been completed.

ACTIONS:

N/A

INSTRUMENTATION:

N/A

CONTROL/EQUIPMENT:

N/A

KNOWLEDGE:

N/A

PLANT-SPECIFIC INFORMATION:

N/A

STEP: Check If Any SG Is Not Faulted

PURPOSE: To determine if any SG is not faulted

BASIS:

If all SGs are faulted and the main steamlines are isolated, the appropriate guideline is ECA-2.1, UNCONTROLLED DEPRESSURIZATION OF ALL STEAM GENERATORS, since that guideline deals with controlling feed to faulted steam generators to stabilize and then cool down the plant. If the main steamlines are not isolated, the appropriate transition is to E-2, FAULTED STEAM GENERATOR ISOLATION, which will isolate the steamlines and then check for a non-faulted steam generator.

ACTIONS:

- o Determine if any SG pressure is stable or increasing
- o Determine if a controlled cooldown is in progress
- o Determine if main steamlines are isolated
- o Determine if guideline E-2, FAULTED STEAM GENERATOR ISOLATION, is in effect
- o Determine if guideline ECA-2.1, UNCONTROLLED DEPRESSURIZATION OF ALL STEAM GENERATORS, is in effect
- c Transfer to E-2, FAULTED STEAM GENERATOR ISOLATION, step 1
- o Transfer to ECA-2.1, UNCONTROLLED DEPRESSURIZATION OF ALL STEAM GENERATORS, step 1

INSTRUMENTATION:

- o SG pressure indication
- o RCS temperature indication
- o Main steamline isolation valves position indication

CONTROL/EQUIPMENT:

N/A

KNOWLEDGE:

N/A

PLANT-SPECIFIC INFORMATION:

N/A

STEP DESCRIPTION TABLE FOR ES-0.0

STEP 2

STEP: Check If All SGs Are Not Faulted

PURPOSE: To identify any faulted (failure in secondary pressure boundary) SGs and to assure proper isolation

BASIS:

Pressure decreasing in an uncontrolled manner or a completely depressurized (near containment or atmospheric pressure) SG indicates failure of the secondary pressure boundary. If not already complete, isolation is to be done using E-2, FAULTED STEAM GENERATOR ISOLATION.

ACTIONS:

- o Determine if no SG pressure is decreasing in an uncontrolled manner and no SG is completely depressurized
- o Determine if all faulted SG(s) are isolated (steamlines and feedlines)
- o Determine if guideline E-2, FAULTED STEAM GENERATOR ISOLATION, is in effect
- o Transfer to E-2, FAULTED STEAM GENERATOR ISOLATION

INSTRUMENTATION:

- o SG pressure
- o MSIV and FW isolation valve position indication

CONTROL/EQUIPMENT:

MSIV and FW isolation valve controls

KNOWLEDGE:

"Uncontrolled" means not under the control of the operator, and incapable of being controlled by the operator using available equipment.

PLANT-SPECIFIC INFORMATION:

N/A

STEP: Check If SG Tubes Are Ruptured

PURPOSE: To identify any ruptured (failure in primary-to-secondary pressure boundary) SGs

BASIS:

Level increasing in an uncontrolled manner in any SG or high radiation in any SG indicates a failure of the primary to secondary pressure boundary. If no SGs tubes are ruptured, then the appropriate guideline is either an E-1 or ECA-1 series guideline.

ACTIONS:

- o Determine if any SG level is increasing in an uncontrolled manner
- o Determine if any SG has high radiation
- o Determine if an E-1 or ECA-1 series guideline is in effect
- o Transfer to E-1, LOSS OF REACTOR OR SECONDARY COOLANT, Step 1

INSTRUMENTATION:

- o SG levels
- o SG radiation

CONTROL/EQUIPMENT:

N/A

KNOWLEDGE:

"Level increase in an uncontrolled manner" means that the operator cannot control level using available equipment, i.e., level continues to rise even when all feed flow valves to that SG are fully closed.

PLANT-SPECIFIC INFORMATION:

N/A



STEP DESCRIPTION TABLE FOR ES-0.0

STEP 4

STEP: You Should Be In An E-3 Or ECA-3 Series Guideline

PURPOSE: To instruct the operator that he should be in an E-3 or ECA-3 series guideline

BASIS:

In order to reach Step 4, a ruptured SG had to have been identified in Step 3. Thus, if any SG is ruptured, the appropriate guideline is an E-3 or ECA-3 series guideline.

ACTIONS:

- o Determine if an E-3 or ECA-3 series guideline is in effect
- o Transfer to E-3, STEAM GENERATOR TUBE RUPTURE, step 1

INSTRUMENTATION:

N/A

CONTROL/EQUIPMENT:

N/A

KNOWLEDGE:

N/A

PLANT-SPECIFIC INFORMATION:

N/A

## 4.2 Step Sequence Requirements

This section consists of a table which presents the existing guideline sequence and identifies the allowed interchangeability of guideline steps for the benefit of the utility EOP writer.

The Step Sequence Table for ES-0.0 is provided on the following page. The interchangeability of guideline steps is identified by the numbers in the column to the right of each guideline step. Refer to the Users Guide in the Executive Volume for information on use of the step sequence tables.

STEP SEQUENCE FOR ES-0.0

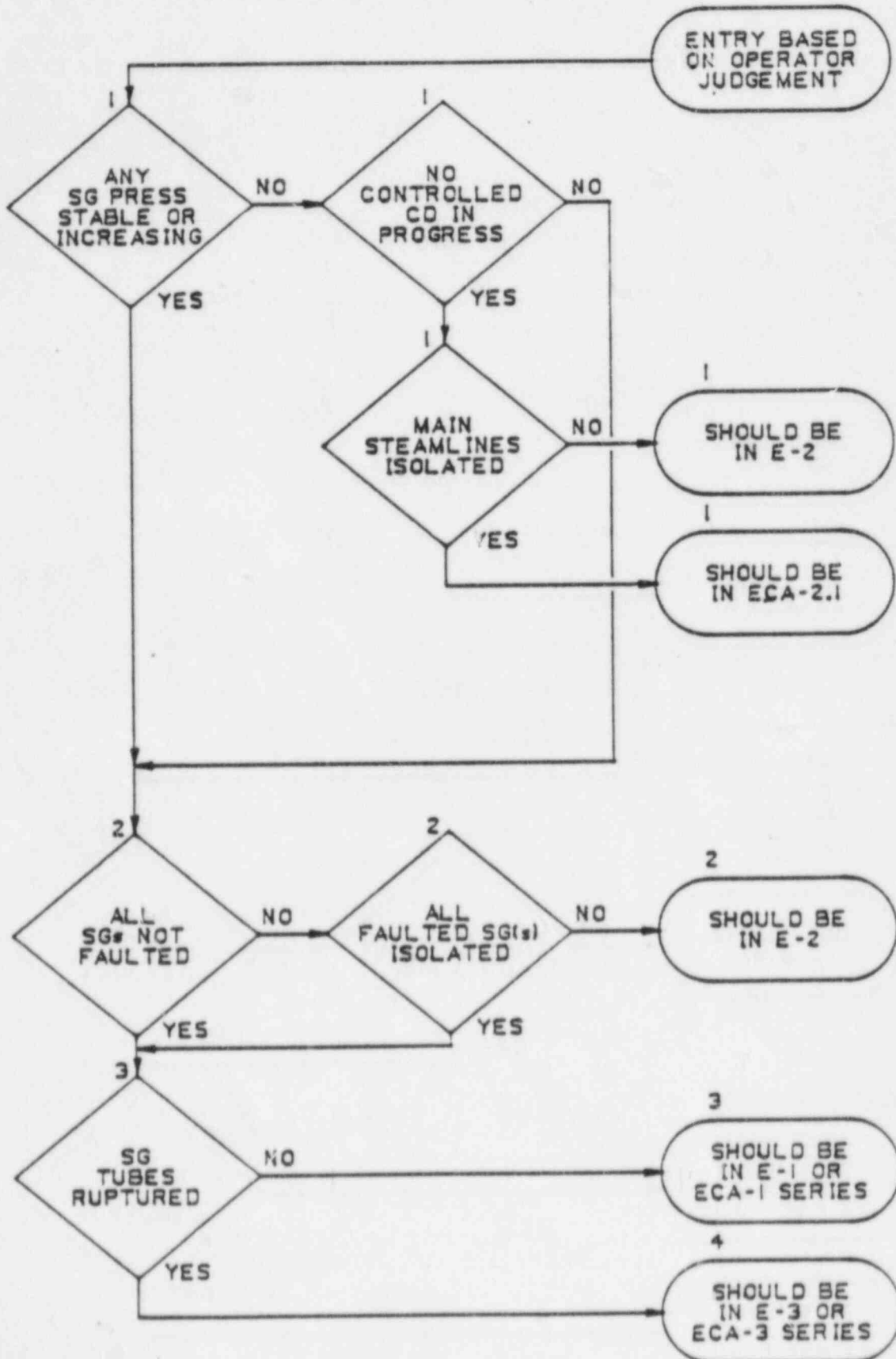
<u>STEP</u>	<u>SEQUENCE</u>
1. Check If Any Steam Generator Is Not Faulted	1
2. Check If All SGs Are Not Faulted	2
3. Check If SG Tubes Are Ruptured	3
4. You Should Be In An E-3 Or ECA-3 Series Guideline	4

### 4.3 Detailed Step Logic

This section provides a detailed logic diagram which is a symbolic representation of guideline steps containing sufficient information to aid in procedure development and operator training.

The logic for ES-0.0 is given on the following pages. Refer to the Users Guide in the Executive volume for information on use of the logic diagram.

# LOGIC FOR ES-0.0, PAGE 1



## 5. FREQUENT QUESTIONS

The following are questions which have been frequently asked about ES-0.0, REDIAGNOSIS:

Q. When should the operator use ES-0.0?

A. The operator, at his discretion, may use ES-0.0 at any time when SI is in service or is required and E-0 has been completed. The most likely case will be if the operator thinks he is in the wrong guideline. He will use ES-0.0 to either confirm he is in the appropriate guideline series or as a means to transition to the appropriate guideline.

Q. What should the operator do if he is not in the appropriate guideline?

A. If ES-0.0 identifies that the operator is not in the appropriate guideline, then he should transition to Step 1 of the appropriate guideline (ECA-2.1, UNCONTROLLED DEPRESSURIZATION OF ALL STEAM GENERATORS; E-2, FAULTED STEAM GENERATOR ISOLATION; E-3, STEAM GENERATOR TUBE RUPTURE; or E-1, LOSS OF REACTOR OR SECONDARY COOLANT).

WESTINGHOUSE OWNERS GROUP  
EMERGENCY RESPONSE GUIDELINES  
BACKGROUND DOCUMENT CONFIGURATION CONTROL AND APPROVAL SHEET

BACKGROUND DOCUMENT DESIGNATOR: ES-0.0

BACKGROUND DOCUMENT TITLE: Rediagnosis

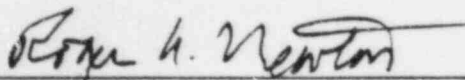
REVISION: HP Rev. 1 Initial Version

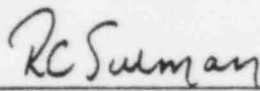
DATE: September 1, 1983

The Background Document identified above has been reviewed and approved for use by the Westinghouse Owners Group and the Westinghouse Nuclear Technology Division.

NOTICE: THIS BACKGROUND DOCUMENT IS THE REVISION 1 INITIAL VERSION OF BACKGROUND INFORMATION ON ITS SUBJECT MATTER FOR THE EMERGENCY RESPONSE GUIDELINE SET. ANY BACKGROUND INFORMATION ON THIS SUBJECT BEARING A VERSION DATE EARLIER THAN SEPTEMBER 1, 1983 IS SUPERSEDED BY THE EMERGENCY RESPONSE GUIDELINE SET, REVISION 1, INITIAL VERSION.

APPROVAL SIGNATURES

  
\_\_\_\_\_  
Westinghouse Owners Group

  
\_\_\_\_\_  
Westinghouse Nuclear Technology  
Division



CPSES EMERGENCY RESPONSE  
GUIDELINE VERIFICATION CHECKLIST

DATE:  
6-10-84

PAGE 1 OF 2

GUIDELINE NAME: *Redding*

ERG NO: *ERG 0.0*

ERG REV NO.: *0*

This checklist shall be used to establish the accuracy of information and instructional steps of the ERGs, to determine that the procedures can be accurately and efficiently carried out, and to demonstrate that the procedures are adequate to mitigate the consequences of transients and accidents. The verification may be accomplished by simulator exercises, control room walk-throughs or Desk top reviews. Any one, combinations or all methods may be used. Indicate the methods(s) used below.

- [ ] Simulator Exercising  
[ ☒ ] Control Room Walkthrough  
[ ] Desk top review

**FOR INFORMATION  
ONLY**

Criteria

Reviewer / date

1. The ERG accurately reflects the information presented in the technical guidelines.
2. The ERG is written in accordance with the writer's guide.
3. The ERG has been walked thorough the control room and can be followed without confusion, delays or errors.
4. Controls, equipment and indications that are referenced in the ERG are available in the plant, use the same designation, use the same units, and operate (or will operate) as specified in the procedure.
5. The level of detail is sufficient to allow the least qualified operator on the shift crew to use if effectively.

N/A

N/A

*Don Rad 16-10-84*

*Don Rad 16-10-84*

*Don Rad 16-10-84*

CPSES EMERGENCY RESPONSE  
GUIDELINE VERIFICATION CHECKLIST

DATE:

6-10-84

PAGE 2 OF 2

GUIDELINE NAME: *Reduction*

ERG NO: *ERG 010*

ERG REV NO.: *0*

6. The minimum shift crew can complete the ERG without outside assistance.
7. The ERG has been verified against the Emergency Response Guideline Transition Flow Chart.

*[Signature]* 6-10-84

N/A

Comment:

*A much needed guideline! Thanks*

*[Signature]* 6-10-84

Comment Resolution:

*THANKS.*

*R. Flores* 9/19/84

CHECKLIST REVIEWED

*[Signature]* 9/20/84

CPSES EMERGENCY RESPONSE  
GUIDELINE VERIFICATION CHECKLIST

DATE:

6-4-84

PAGE 1 OF 2

GUIDELINE NAME: Redundancy

ERG NO: E09 0.0

ERG REV NO.: 0

This checklist shall be used to establish the accuracy of information and instructional steps of the ERGs, to determine that the procedures can be accurately and efficiently carried out, and to demonstrate that the procedures are adequate to mitigate the consequences of transients and accidents. The verification may be accomplished by simulator exercises, control room walk-throughs or Desk top reviews. Any one, combinations or all methods may be used. Indicate the methods(s) used below.

- ☐ Simulator Exercising  
☒ Control Room Walkthrough  
☐ Desk top review

Criteria

Reviewer / date

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2. The ERG is written in accordance with the writer's guide.
3. The ERG has been walked thorough the control room and can be followed without confusion, delays or errors.
4. Controls, equipment and indications that are referenced in the ERG are available in the plant, use the same designation, use the same units, and operate (or will operate) as specified in the procedure.
5. The level of detail is sufficient to allow the least qualified operator on the shift crew to use if effectively.

N/A

N/A

Ray Miller / 6-4-84

Ray Miller / 6-4-84

Ray Miller / 6-4-84

CPSES EMERGENCY RESPONSE  
GUIDELINE VERIFICATION CHECKLIST

DATE:

6-4-84

PAGE 2 OF 2

GUIDELINE NAME: Rediagnosis

ERG NO: E0500

ERG REV NO.: 0

6. The minimum shift crew can complete the ERG without outside assistance.
7. The ERG has been verified against the Emergency Response Guideline Transition Flow Chart.

R. Miller 16-4-84

N/A 1

Comment: NONE

R. Flores 16/4/84

Comment Resolution:

N/A

R. Flores 16/4/84

CHECKLIST REVIEWED

J. J. C. 10/10/84

CPSES EMERGENCY RESPONSE  
GUIDELINE VERIFICATION CHECKLIST

DATE:

6-4-84

PAGE 1 OF 2

*REDIAGNOSIS*  
GUIDELINE NAME:

ERG NO: E08-00

ERG REV NO.: 0

This checklist shall be used to establish the accuracy of information and instructional steps of the ERGs, to determine that the procedures can be accurately and efficiently carried out, and to demonstrate that the procedures are adequate to mitigate the consequences of transients and accidents. The verification may be accomplished by simulator exercises, control room walk-throughs or Desk top reviews. Any one, combinations or all methods may be used. Indicate the methods(s) used below.

- ☐ Simulator Exercising  
☐ Control Room Walkthrough  
☒ Desk top review

Criteria

Reviewer / date

1. The ERG accurately reflects the information presented in the technical guidelines.
2. The ERG is written in accordance with the writer's guide.
3. The ERG has been walked thorough the control room and can be followed without confusion, delays or errors.
4. Controls, equipment and indications that are referenced in the ERG are available in the plant, use the same designation, use the same units, and operate (or will operate) as specified in the procedure.
5. The level of detail is sufficient to allow the least qualified operator on the shift crew to use it effectively.

R. Flores \* / 6/4/84

R. Flores \* / 6/4/84

N/A /

N/A /

N/A /

\* See Attached List For names of reviewers.

CPSES EMERGENCY RESPONSE  
GUIDELINE VERIFICATION CHECKLIST

DATE:

6-4-84

PAGE 2 OF 2

*Reagnosis*  
GUIDELINE NAME:

ERG NO: EOS-0.0

ERG REV NO.: 0

6. The minimum shift crew can complete the ERG without outside assistance.
7. The ERG has been verified against the Emergency Response Guideline Transition Flow Chart.

N/A

R. Flores\* 6/4/84

Comment: None.

R. Flores 6/4/84

Comment Resolution:

N/A

N/A

CHECKLIST REVIEWED

JLH CDR 7/10/84

Attendance at EOP O.D. Guideline Series - June 4, 1934

DAVE HUBBARD

Clay Cunniff

~~Don~~

G. C. BRYAN

Dean Palmer

Ralph Flores

Walter



CPSSES EMERGENCY RESPONSE  
GUIDELINE VERIFICATION CHECKLIST

DATE:  
6-4-84

PAGE 1 OF 2

GUIDELINE NAME: *ReDiagnosis*

ERG NO: *EOS*  
0.0

ERG REV NO.: 0

This checklist shall be used to establish the accuracy of information and instructional steps of the ERGs, to determine that the procedures can be accurately and efficiently carried out, and to demonstrate that the procedures are adequate to mitigate the consequences of transients and accidents. The verification may be accomplished by simulator exercises, control room walk-throughs or Desk top reviews. Any one, combinations or all methods may be used. Indicate the methods(s) used below.

- ☐ Simulator Exercising  
☒ Control Room Walkthrough  
☐ Desk top review

Criteria

Reviewer / date

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5. The level of detail is sufficient to allow the least qualified operator on the shift crew to use if effectively.

N/A

N/A

T. Beaulieu

T. Beaulieu

T. Beaulieu

16-4-84

16-4-84

16-4-84



CPSES EMERGENCY RESPONSE  
GUIDELINE VERIFICATION CHECKLIST

DATE:

6-4-84

PAGE 2 OF 2

*Rediagnosis*  
GUIDELINE NAME:

EOS

ERG NO: 0.0

ERG REV NO.: 0

6. The minimum shift crew can complete the ERG without outside assistance.
7. The ERG has been verified against the Emergency Response Guideline Transition Flow Chart.

T. Beaulieu 1 6-4-84

N/A

Comment:

*why is we have this procedure*

T. Beaulieu 1 6-4-84

Comment Resolution:

*To help operators diagnose A problem they may not realize*

R. Flores 9/18/84

CHECKLIST REVIEWED

John J. Allen 1 9/20/84