

Apr. 17, 2003

Page 1 of 1

MANUAL HARD COPY DISTRIBUTION

DOCUMENT TRANSMITTAL 2003-19466

USER INFORMATION:

GERLACH*ROSE M EMPL#:28401 CA#: 0363

Address: NUCSA2

Phone#: 254-3194

TRANSMITTAL INFORMATION:

TO: GERLACH*ROSE M 04/17/2003

LOCATION: DOCUMENT CONTROL DESK

FROM: NUCLEAR RECORDS DOCUMENT CONTROL CENTER
(NUCSA-2)

THE FOLLOWING CHANGES HAVE OCCURRED TO THE HARDCOPY
OR ELECTRONIC MANUAL ASSIGNED TO YOU:

102 - 102 - TECHNICAL SUPPORT COORDINATOR:
EMERGENCY PLAN- POSITION SPECIFIC PROCEDURE

REMOVE MANUAL TABLE OF CONTENTS DATE: 08/26/2002

ADD MANUAL TABLE OF CONTENTS DATE: 04/16/2003

CATEGORY: PROCEDURES TYPE: EP

ID: EP-PS-102

REMOVE: REV:21

ADD: REV: 22

UPDATES FOR HARD COPY MANUALS WILL BE DISTRIBUTED
WITHIN 5 DAYS IN ACCORDANCE WITH DEPARTMENT
PROCEDURES. PLEASE MAKE ALL CHANGES AND
ACKNOWLEDGE COMPLETE IN YOUR NIMS INBOX UPON
RECEIPT OF HARD COPY. FOR ELECTRONIC MANUAL USERS,
ELECTRONICALLY REVIEW THE APPROPRIATE DOCUMENTS AND
ACKNOWLEDGE COMPLETE IN YOUR NIMS INBOX.

A045

PROCEDURE COVER SHEET

PPL SUSQUEHANNA, LLC		NUCLEAR DEPARTMENT PROCEDURE		
TECHNICAL SUPPORT COORDINATOR EMERGENCY PLAN-POSITION SPECIFIC PROCEDURE			EP-PS-102 Revision 22 Page 1 of 4	
QUALITY CLASSIFICATION: <input type="checkbox"/> QA Program <input checked="" type="checkbox"/> Non-QA Program		APPROVAL CLASSIFICATION: <input type="checkbox"/> Plant <input checked="" type="checkbox"/> Non-Plant <input checked="" type="checkbox"/> Instruction		
EFFECTIVE DATE: <u>4-16-2003</u> PERIODIC REVIEW FREQUENCY: <u>2 Years</u> PERIODIC REVIEW DUE DATE: <u>4-16-2005</u>				
RECOMMENDED REVIEWS:				
Procedure Owner: <u>Nuclear Emergency Planning</u> Responsible Supervisor: <u>Manager-NSE</u> Responsible FUM: <u>Supv.-Nuclear Emergency Planning</u> Responsible Approver: <u>General Manager-Plant Support</u>				

**TECHNICAL SUPPORT
COORDINATOR:**

Emergency Plan-Position Specific Procedure

WHEN:	Technical Support Center (TSC) is activated
HOW NOTIFIED:	On-hours: Phone or Page Off-hours: Paged by Security
REPORT TO:	Damage Control Team Coordinator
WHERE TO REPORT:	TSC

OVERALL DUTY:

Coordinate work of the Technical Staff Support Engineers, Chemistry Coordinator, and Data Technicians. Answer questions and solve problems posed by the Damage Control Team Coordinator, Ops Coordinator, and Emergency Director.

MAJOR TASKS:

TAB:

REVISION:

Upon arrival at the TSC, get updated on the status of the plant and determine Technical Support requirements.	TAB A	3
Review the current classification.	TAB B	2
Coordinate problem-solving efforts.	TAB C	4
Communicate technical information.	TAB D	4
Organize technical, chemical, and engineering support in the TSC Library.	TAB E	4
Make sure information and functions that are in progress during shift relief are turned over smoothly.	TAB F	1
Close out your function when emergency is terminated.	TAB G	2
Determine if RB HVAC can be restarted.	TAB H	5
Determine if fuel pool boiling can be expected and initiate actions as necessary to prevent fuel pool boiling or to mitigate the consequences of fuel pool boiling.	TAB I	3

MAJOR TASKS:

TAB:

REVISION:

Monitor plant conditions to identify potential long term operational impacts and/or recovery action.

TAB J

6

Determine if ESW has been, or will be aligned to supply cooling to RBCCW and/or TBCCW heat exchangers, and ensure that adequate cooling is provided for normal ESW heat loads.

TAB K

3

SUPPORTING INFORMATION:**TAB:**

Emergency Telephone Instructions	TAB 1
Emergency Organization	TAB 2
Logkeeping	TAB 3
NERO Technical Support Overview	TAB 4
Emergency Facility Form Flow	TAB 5
Emergency Classification	TAB 6
Intentionally Blank	TAB 7
Emergency Forms	TAB 8
• Emergency Notification Report	
Anticipated Question List	TAB 9
Public Protective Action Recommendation Guide	TAB 10
General Electric BWR Emergency Support Program	TAB 11
Instructions for RB HVAC Restart & Load Shed	TAB 12

REFERENCES:

SSES Emergency Plan

NUREG-0654, Planning Standards and Evaluation Criteria

NUREG-0731, Guidelines for Utility Management Structure and Technical Resources,
September 1980

EDR #G20020 Loss of Fuel Pool Cooling Event Evaluation

MAJOR TASK:

Determine if RB HVAC can be restarted to provide cooling to the Reactor Building or if electrical load must be shed to reduce heat load to the reactor building.

SPECIFIC TASKS:

HOW:

1. Determine if Reactor Building Heating, Ventilation and Air Conditioning (RB HVAC) (including chilled water) can be restarted post accident.

NOTE:

Restart of RB HVAC or Electrical Load Shed must be initiated within 24 hours following the Secondary Containment Isolation.

2. If you determine that RB HVAC cannot be restarted, provide direction to Ops Coordinator to shed electrical loads.

- 1a. Operators should restart RB-HVAC in accordance with applicable procedures.

NOTE:

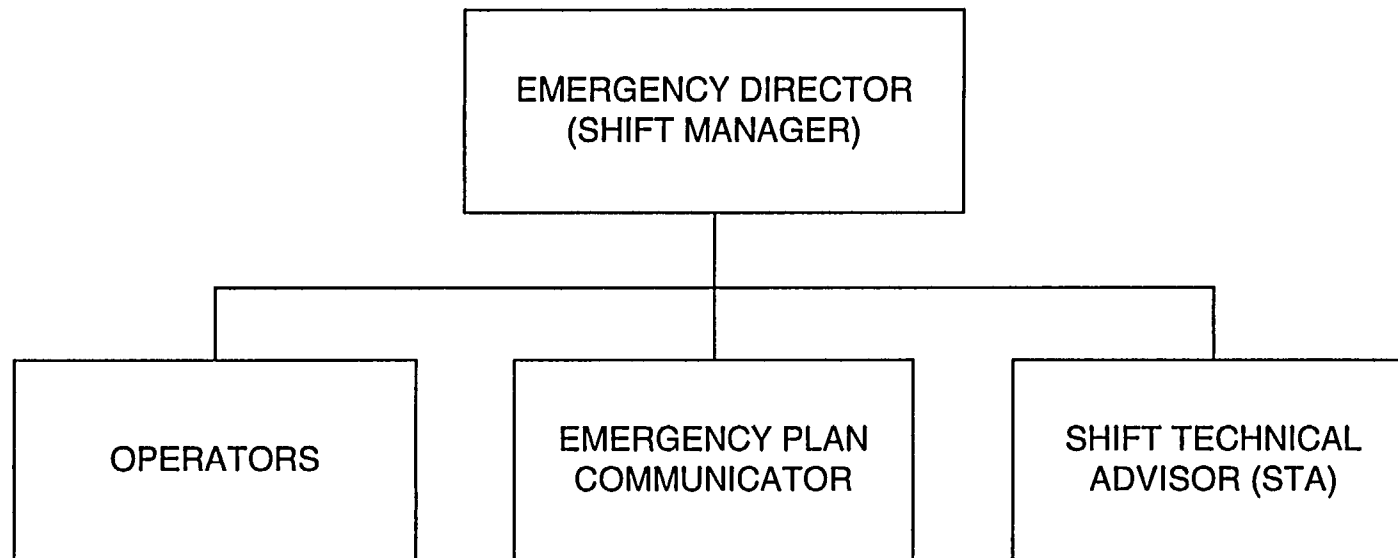
The RB HVAC System cannot be restarted if system integrity has been comprised by a seismic event. (Ref: ON-000-002)

- 2a. Instruct Operations to shed electrical loads.

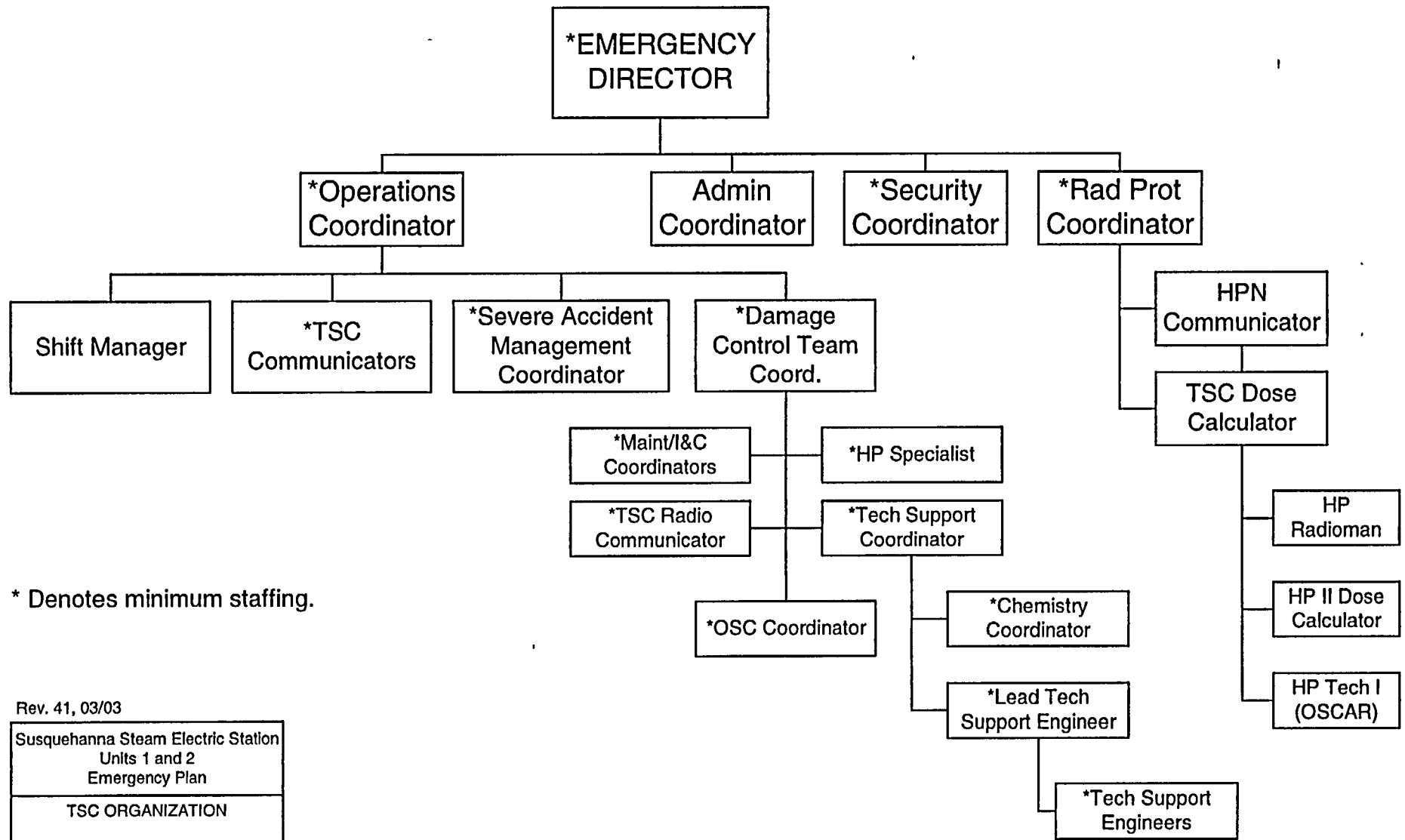
HELP

Instructions for RB HVAC Restart
and Load Shed
See TAB 12

EMERGENCY ORGANIZATION CONTROL ROOM



TSC ORGANIZATION



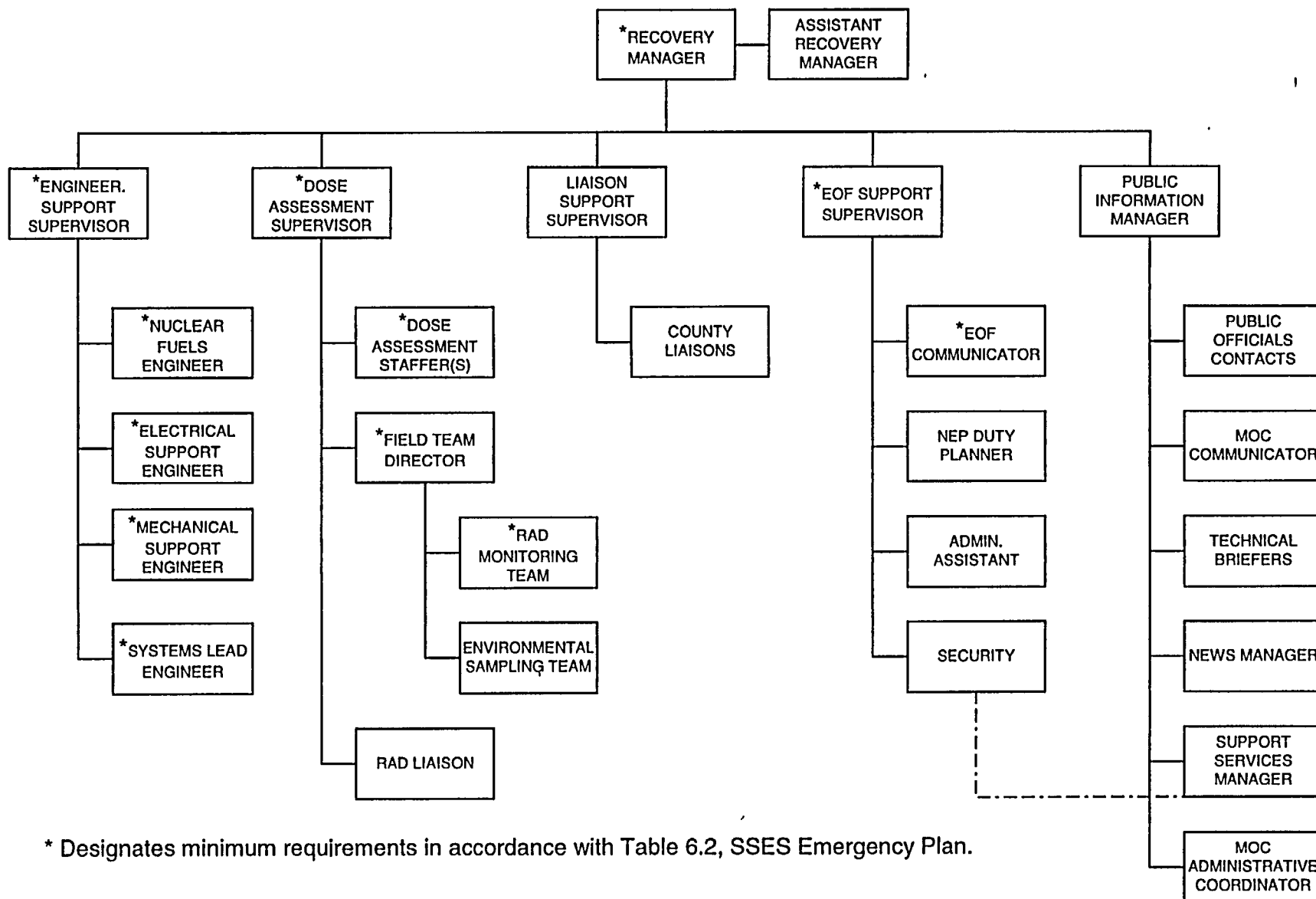
Rev. 41, 03/03

Susquehanna Steam Electric Station
Units 1 and 2
Emergency Plan

TSC ORGANIZATION

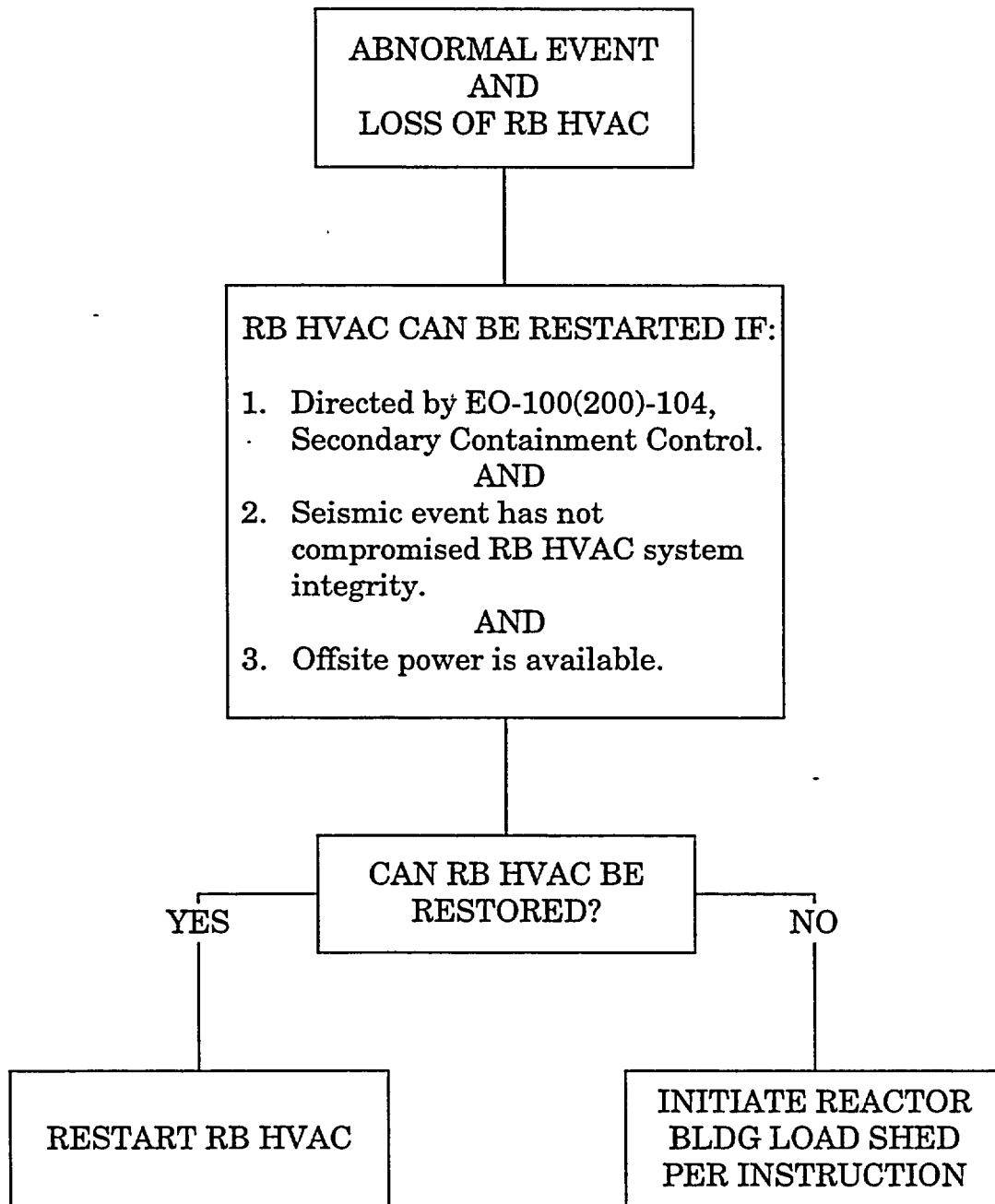
FIGURE 6 2

EOF ORGANIZATION



* Designates minimum requirements in accordance with Table 6.2, SSES Emergency Plan.

PROCEDURE FLOWCHART



INSTRUCTIONS FOR LOAD SHED

CHECK: √

1. Initiate the load shed, as directed by EP-PS-102.

CAUTION:

The following systems will be lost:

- Normal RB Lighting (essential and emergency lighting not affected)
- Normal RB HVAC (including heaters)
- RB Chilled Water Pumps
- Reactor Water Cleanup Pumps
- Fuel Pool Cooling Pumps
- RB Steam Tunnel Fans
- RB LRW Sump Pumps
- Drywell Floor Drain Sump Pumps
- Various RB Cranes

Actions to mitigate the consequences of the loss of these systems will be given by the TSC.

- _____ 1a. Refer to ON-103(203)-001, ON-134(234)-001, and ON-135(235)-001 to determine effects of load shed.

- _____ 1b. To initiate the load shed for Unit 1 only:

Trip the following breakers in the Turbine Building:

<u>BREAKER#</u>	<u>LOCATION</u>
1A101-11	Unit 1 Lower Switchgear Room (El. 699'-0")
1A102-11	Unit 1 Lower Switchgear Room (El. 699'-0")

INSTRUCTIONS FOR LOAD SHED

CHECK: √

_____ 1c. To initiate the load shed for Unit 2 only:

Trip the following breakers in the Turbine Building:

<u>BREAKER#</u>	<u>LOCATION</u>
2A101-11	Unit 2 Lower Switchgear Room (El. 699'-0")
2A102-11	Unit 2 Lower Switchgear Room (El. 699'-0")

1d. Complete "Breaker Trip Checkoff Sheet For Load Shed" form.