

Pacific Gas and Electric Company



DEPARTMENT OF NUCLEAR PLANT OPERATIONS

DIABLO CANYON POWER PLANT UNIT NO(S)

1 AND 2

EMERGENCY PROCEDURE

TITLE: ACTIVATION AND OPERATION OF
THE TECHNICAL SUPPORT CENTER

NUMBER EP EF-1

REVISION 6

DATE 6/28/85

PAGE 1 OF 4

APPROVED

W. C. Thompson
PLANT MANAGER

8-585
DATE

IMPORTANT
TO
SAFETY

SCOPE

This procedure describes the actions that are to be taken in the event it becomes necessary to activate and operate the Technical Support Center (TSC). Also described are instructions for turning over selected emergency functions from the Control Room to the TSC.

This procedure also describes the TSC's ventilation system and its operation. This procedure and changes thereto requires PSRC review.

GENERAL

The objective of the TSC is to provide personnel and equipment to relieve the control room staff from emergency activities unrelated to maintaining the plant in a safe condition. These functions are: 1) Site emergency response management, 2) communications with offsite emergency response organizations, 3) offsite emergency response coordination, including radiological monitoring and recommendations for offsite protective actions, 4) accident assessment of plant conditions.

The acceptable minimum level of staffing that would be considered adequate to perform the above functions is defined as: 1) Site Emergency Coordinator, 2) Emergency Liaison Coordinator, 3) Emergency Evaluations and Recovery Coordinator or Emergency Operations Advisor, 4) Emergency Radiological Advisor and at least one other person to serve as clerical assistant or liaison assistant.

NOTE: The minimum level is based on the assumption that the on-site notification process has been completed and the other positions within the TSC will be filled shortly.

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TITLE:

ACTIVATION AND OPERATION OF
THE TECHNICAL SUPPORT CENTERINITIATING CONDITIONS

The criteria for activating the TSC will be, but is not limited to the declaration of an Alert, Site Area Emergency or General Emergency as defined in EP G-1, "Accident Classification and Emergency Plan Activation." The emergency signal is sounded or a call out of personnel is initiated to activate and fully staff the TSC in accordance with EP G-2 "Establishment of the Onsite Emergency Organization."

IMMEDIATE ACTIONS

1. All onsite personnel, upon hearing the emergency signal or being notified of its activation, shall report to their assigned assembly areas in accordance with EP G-4, "Personnel Accountability and Assembly."
2. The Shift Foreman may assign a Liaison Assistant to activate the TSC switchboard to receive incoming phone calls and complete notification of plant staff from this location.

NOTE: Figure 1 provides a floor plan of the TSC.

SUBSEQUENT ACTIONS

1. The Site Emergency Coordinator shall activate the TSC by establishing the emergency response organization in the TSC and relieving the interim Site Emergency Coordinator (normally the Shift Foreman) of his duties.
2. When the TSC has been activated and staffed to acceptable minimum levels, the Site Emergency Coordinator shall formally announce that the TSC has been activated and he (the SEC) is assuming overall management of PGandE emergency response efforts from the interim Site Emergency Coordinator.
3. Interim emergency response personnel will continue their assigned duties until relieved by someone in the long-term emergency organization, or dismissed by the Site Emergency Coordinator. Personnel relieved may be re-assigned to other emergency response functions.

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4. Plant personnel assigned to the TSC shall activate the TSC by first notifying the Site Emergency Coordinator (or Liaison Coordinator) of their arrival, and then proceed with their activation checklist.

NOTE: If the emergency involves control room inaccessibility, personnel should establish communications with the Hot Shutdown panel [REDACTED] and/or [REDACTED] dedicated shutdown panel [REDACTED] in lieu of the control room.

SUPPORTING PROCEDURES

- G-1 "Accident Classification and Emergency Plan Activation"
- G-2 "Establishment of the Onsite Emergency Organization"
- G-3 "Notification of Offsite Organizations"
- G-4 "Personnel Accountability and Assembly"
- EF-6 "Activation of the Emergency Assessment and Response System"
- EF-7 "Activation of the Nuclear Data Communications"
- OP-4 "Operating Order "1 hour Reporting Requirements to the NRC"

FIGURES

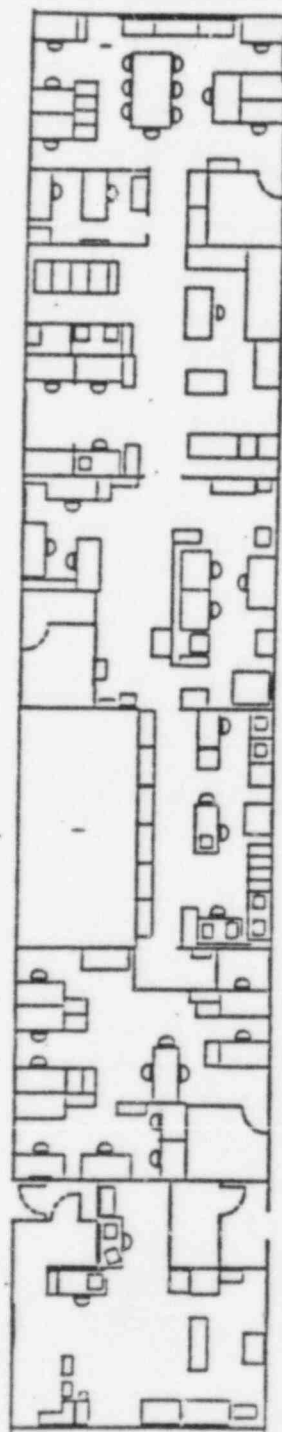
1. TSC Floor Plan

ATTACHMENTS

1. 69-11112-1 TSC Activation and Operation Checklist for the Site Emergency Coordinator.
2. 69-11112-2 TSC Activation and Operation Checklist for the Emergency Liaison Coordinator.
3. 69-11112-3 TSC Activation and Operation Checklist for the Emergency Evaluations and Recovery Coordinator.
4. 69-11112-4 TSC Activation and Operation Checklist for the Emergency Radiological Advisor.
5. 69-11112-6 TSC Activation and Operation Checklist for the Emergency Operations Advisor.
6. 69-11112-7 Activation of the TSC Ventilation System for Abnormal Operation.

TITLE: ACTIVATION AND OPERATION OF
THE TECHNICAL SUPPORT CENTER

FIGURE 1

Floor Plan of the Technical Support Center

OFFICE

OPERATIONS CENTER

COMPUTATIONS CENTER

RECORDS MANAGEMENT
SYSTEM REPRODUCTIONS

NRC OFFICE

(HVAC ROOM NOT SHOWN)

LABORATORY

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TITLE: TSC ACTIVATION AND OPERATION CHECKLIST FOR THE SITE EMERGENCY COORDINATOR
(SEC)

1. Have the Emergency Liaison Coordinator (ELC) establish manning status of TSC (Use Form 69-9370 "Site Emergency Organization Assignments"). Notify the Security Shift Supervisor of personnel accounted for in the TSC per EP G-4 if the site emergency signal is sounded.
2. When minimum acceptable staffing is achieved, notify the Control Room, TSC staff and interim EOF staff that you (the SEC) are assuming overall management of PGandE emergency response efforts from the interim SEC (normally the Shift Foreman).
3. Have the ELC establish and maintain communications with:
 - a. Control Room, Senior Control Operator's Desk (Unit 1 [REDACTED]
Unit 2 [REDACTED])
 - b. Emergency Operations Facility, Operating and Analytical Recovery Manager [REDACTED]
[REDACTED] Radiological Emergency Recovery Manager [REDACTED]
 - c. Corporate Incident Response Center, Corporate Liaison Coordinator [REDACTED]
 - d. Operational Support Center (Access Control), Operational Support Supervisor or Site Chemistry and Radiation Protection Coordinator [REDACTED]
4. Verify that the equipment in the TSC is operational:

Emergency Evaluations and Recovery Manager

 - ☐ a) Ventilation System
 - ☐ b) NDCS (Harris) computer systems
 - ☐ c) Emergency Response Facility Data System (ERFDS)

Emergency Radiological Advisor

 - ☐ a) Radiation monitoring equipment in the TSC
 - ☐ b) Emergency Assessment and Response System (EARS)

Emergency Operations Advisor

 - ☐ a) Television monitoring equipment
5. If necessary, provide instructions to personnel at assembly areas (See EP G-4), authorize the evacuation of non-essential personnel, and specify the evacuation route (see EP G-5).
6. Prior to the arrival of the corporate Recovery Manager at the EOF:
 - a. Maintain communication with the Advisor to the County Emergency Organization and direct all emergency response operations performed by PGandE in the San Luis Obispo area.
 - b. Authorize company protective action recommendations to the County.

TITLE: TSC ACTIVATION AND OPERATION CHECKLIST FOR THE SITE EMERGENCY COORDINATOR
(SEC)

- c. Change the Emergency Action Level Classification as necessary and have the ELC notify required offsite organizations (see EP G-3) and all emergency response groups onsite.
 - d. Authorize release of information about the emergency to the news media.
 - e. Other responsibilities as given in Table 1 of Procedure EP G-2.
7. Communicate significant actions and decisions to the EOF and Control Room.
8. Maintain a log of significant communications and decisions.

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TITLE: TSC ACTIVATION AND OPERATION CHECKLIST FOR THE EMERGENCY LIAISON COORDINATOR
(ELC)

1. Establish notification status of offsite organizations and plant personnel from the interim Liaison Coordinator [REDACTED] and assign the Liaison Assistants to relieve the control room of that responsibility.
2. Activate the communication links by performing a functional check on the UHF/VHF radio and telephone communications equipment required. Assign a clerk or liaison assistant to activate the TSC switchboard and relieve the control room of the responsibility of answering incoming calls.
3. Direct liaison assistants notifications and status updates to offsite organization and communications for TSC personnel. Maintain communications with:
 - a. Control Room, Senior Control Operator's Desk, [REDACTED]
 - b. Emergency Operations Facility, Operations and Analytical Recovery Manager [REDACTED]
 - c. Corporate Incident Response Center, Corporate Liaison Coordinator, [REDACTED]
 - d. Operational Support Center (Access Control), Operational Support Center Supervisor or Site Chemistry and Radiation Protection Coordinator [REDACTED]
4. Determine if the Emergency Radiological Advisor will require dosimetry assistance to determine radiation exposures, if so assign a Liaison Assistant to contact DER Dosimetry Personnel:

OFFICE


HOME


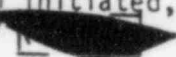
NOTE: If assembly and accountability has been initiated these personnel will assemble at the Biology Lab [REDACTED]

TITLE: TSC ACTIVATION AND OPERATION CHECKLIST FOR THE EMERGENCY LIAISON COORDINATOR (ELC)

5. Determine the number of Regulatory Compliance personnel needed from the Emergency Evaluation and Recovery Coordinator (at least two (2) will be needed initially to staff the red and blue phones) and assign a Liaison Assistant to contact personnel from the following list to interface and assist NRC in the TSC:

OFFICEHOME

NOTE: If assembly and accountability has been initiated these personnel will assemble at the Training Building Room 121 

6. Determine if the Emergency Maintenance Coordinator  requires assistance in calling out additional maintenance personnel. If so assign a Liaison Assistant to contact maintenance personnel as specified. If assembly and accountability has been initiated, maintenance personnel assemble in the Training Building, Room 107 
7. Assign a liaison assistant to the security ready room.

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TITLE: TSC ACTIVATION AND OPERATION CHECKLIST FOR THE EMERGENCY EVALUATIONS
AND RECOVERY COORDINATOR (EERC)

1. Determine the nature of emergency from the interim Emergency Evaluations and Recovery Coordinator (STA).
2. If necessary, request the Control Room to switch the TSC from non-vital to vital power (specify Unit 1 or Unit 2). The switches are located in the Unit 2 480V switch gear room (Panels EPTSN and EPTSC).
3. Assign data processors to activate the NDCS (Harris) computer system to monitor the ERFDS and to develop and interpret plant data for transmission offsite.
4. Provide the Site Emergency Coordinator (SEC), in consultation with the Emergency Radiological Advisor (ERA) any recommendations for appropriate response actions; and on-site and offsite recommendations for protective actions.
5. Keep the SEC and the ERA informed of plant equipment and monitoring personnel status and the evaluations and recommendations regarding plant operations.
6. Assign personnel to monitor the ventilation system and perform any manual actions needed. See Appendix DC69-11112-7.
7. Determine the number of personnel needed for NRC interface and request that the Liaison Coordinator call in the required Regulatory Compliance personnel.
8. Maintain a log of significant communications and decisions.

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TITLE: TSC ACTIVATION AND OPERATION CHECKLIST FOR THE EMER. RADIOLOGICAL ADVISOR
(ERA)

1. Verify that radiation monitoring equipment in the TSC is operational.
2. Assign personnel to operate the Emergency Assessment and Response System (EARS). Have radiological status forms prepared providing appropriate release rate, meteorological and other radiological information for offsite organizations. Forward these to the Emergency Liaison Coordinator.
3. Determine the extent of radiological monitoring and health physics support required in-plant, on-site and off-site (in consultation with EOF personnel) and make personnel assignments for these monitoring activities.
4. Maintain communications with the Radiological Emergency Recovery Manager (RERM) at the EOF:
 - a. Consult on the potential or real release rates for radioactive material.
 - b. Consult on the off-site monitoring and assessment activities with the RERM.
 - c. If the Mobile Environmental Monitoring Laboratory is needed, provide the combination key code to the offsite field team. The key code is located in the Emergency Radiological Advisor's top left desk drawer.
5. Maintain communications with the Site Chemistry and Radiation Protection Coordinator at access control ~~_____~~. Approve all entries to the controlled area and keep informed of the location of response personnel.
6. Maintain communications with the Emergency Evaluations and Recovery Coordinator (EERC).
 - a. Advise the EERC of offsite protective actions appropriate to the situation.
 - b. Inform the EERC of the radiological exposure status of personnel and equipment involved in emergency response.
 - c. Determine if plant status changes will adversely affect personnel exposure.
7. Direct and Control the onsite monitoring team(s).
8. Have the Emergency Liaison Coordinator call out dosimetry manpower as required to prepare for determining radiation exposure of emergency response personnel.

TITLE: TSC ACTIVATION AND OPERATION CHECKLIST FOR THE EMER. RADIOLOGICAL ADVISOR
(ERA)

9. Maintain a log of significant communications and decisions.
10. If the event possibly involves a release, assure that contamination control equipment (meter, shoe covers, etc.) is available and operable to avoid contamination of the TSC.

PACIFIC GAS AND ELECTRIC COMPANY
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TITLE: TSC ACTIVATION AND OPERATION CHECKLIST FOR THE EMERGENCY
OPERATIONS ADVISOR (EOA)

1. Verify that the control room television monitoring equipment is operational by obtaining a clear picture of the control room indicators appropriate to the situation.
2. Establish communication with the Emergency Operations Coordinator in the control room.
3. Keep the Site Emergency Coordinator advised as to plant operational activities and any requests for assistance.
4. Assist the Emergency Evaluation and Recovery Coordinator in monitoring SPDS information and obtaining plant data as required.
5. Determine the need for assistance in handling radioactive waste and advise the Emergency Evaluation and Recovery Coordinator.

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TITLE: ACTIVATION OF TSC VENTILATION SYSTEM FOR ABNORMAL OPERATION

PROCEDURE

Operation of the ventilation system in any mode other than mode 1 is considered an abnormal condition.

NOTE: Appropriate respiratory protection should be worn outside the TSC if indicated by the situation.

A. Mode 2 - Fire

This mode only concerns the control room in the event of a fire.

B. Mode 3 - Chlorine

In this mode the Control room and TSC are isolated from all outside air. 100% of the air is recirculated with 9% of the flow passing through HEPA and charcoal filters. This mode can be initiated automatically, as described in the general operating procedures OP H-5:IV, or manually from the control room. When an alarm is activated or the control room wishes to manually activate Mode 3, the TSC will be notified and asked to perform the following functions for Mode 3 operation.

1. Check the TSC outside (make up) air fan OS-93 has stopped.
2. Check the TSC lead filter supply fan OS-94 has started.
3. Close vent damper O-18 manually.
4. Verify that vent damper O-17 is closed.
5. Open vent damper O-26 manually.
6. Verify the following at the annunciator panel PK-75, located in the TSC computation center:
 - a. AD "TSC MODE 3 ISOLATION" illuminated.
 - b. AE "TSC MODE 1 NORMAL VENT" not illuminated.
 - c. BB-1 "NORMAL VENT DAMPER OPEN ON MODE 3 or 4" O-18 not illuminated.
 - d. BB-2 "CARBON FILTER DAMPER CLOSED IN MODE 3 OR 4" O-26 not illuminated.
 - e. BC "NORMAL VENT ON" OS-93 not illuminated.
 - f. BD "CARBON FILTER LOW AIR FLOW" not illuminated.
 - g. BE "TSC AREA AIR COND. ON" OS-92 illuminated.
 - h. BE "LAB AREA AIR COND. ON" OS-90 illuminated.
 - i. BF "TSC AREA AIR COND. OFF MODE 3 OR 4" not illuminated.
 - j. CF "LAB AREA AIR COND. OFF MODE 3 OR 4" not illuminated.
 - k. CE "LEAD SUPPLY FAN ON MODE 3 OR 4" OS-94 illuminated.
 - l. CF "REDUN. SUPPLY FAN ON MODE 3 OR 4" OS-95 illuminated.

If any of these annunciator lights cannot be verified, consult the section on annunciator lights for further instructions.

TITLE: ACTIVATION OF TSC VENTILATION SYSTEM FOR ABNORMAL OPERATION

C. Mode 4 - High Radiation or Dilution

Mode 4 is automatically activated by high radiation levels at the control room intakes or by a Phase A isolation signal. Mode 4 can also be activated manually. This is used after prolonged periods of Mode 3 to dilute the CO₂ which has accumulated in the TSC. When the ventilation system is in Mode 4 the TSC will be notified and asked to perform the following functions.

1. Check the TSC outside (make up) air fan OS-93 has stopped.
2. Check the TSC lead filtered supply fan OS-94 has started.
3. Close vent damper O-18 manually.
4. Open vent damper O-17 manually.
5. Open damper O-26 manually.
6. Verify the following at the annunciator panel PK-75, located in the TSC computation center:
 - a. AC "TSC MODE 4 PRESSURIZATION" illuminated.
 - b. BB-1 "NORMAL VENT DAMPER OPEN MODE 3 OR 4" not illuminated.
 - c. BB-2 "CARBON FILTER DAMPER CLOSED IN MODE 3 OR 4" O-26 not illuminated.
 - d. BD "CARBON FILTER LOW FLOW" FB-94 not illuminated.
 - e. BE-1 "TSC AIR COND. ON" OS-92 illuminated.
 - f. BE-2 "LAB AREA AIR COND. ON" OS-90 illuminated.
 - g. CA "LEAD DUCT HEATER ON MODE 4" OEH-28A illuminated.
 - h. CE "LEAD SUPPLY FAN ON MODE 3 OR 4" OS-94 illuminated.

If any of these annunciator lights cannot be verified, consult the section on annunciator lights for further instructions.

7. For Mode 4 operation to be completely functional the following doors must be closed.
 - a. Office space outside water tight door.
 - b. Office space inside door.
 - c. Computation center outside water tight door.
 - d. Computation center inside door.
 - e. NRC Office outside water tight door.
 - f. NRC Office inside door.
 - g. Mechanical room outside water tight door.
 - h. Mechanical room air control plate (slide gate)
 - i. Laboratory outside water tight door (West).
 - j. Laboratory inside door (West).
 - k. Laboratory outside water tight door (East).
 - l. Laboratory inside door (East).

TITLE: ACTIVATION OF TSC VENTILATION SYSTEM FOR ABNORMAL OPERATION

D. Returning to Mode 1 Operation

The control room will place the ventilation mode selector switch located at vertical board IVB4(2VB4) in the Mode 1 position to return the system to normal operation. The TSC shall confirm that the ventilation system has returned to normal by verifying the following.

1. Lead Supply Fan OS-94 is off.
2. Outside (make up) Air Fan OS-93 is on.
3. Damper O-18 opened manually.
4. Damper O-17 closed manually.
5. Damper O-26 closed manually.

E. TSC Annunciator Panel

The following is a list of each TSC annunciator panel light with information included on what to do in the event a light does not function properly.

- AA-1 (RED) High radiation in TSC area. If illuminated notify the Control Room and Radiation Protection and follow radiation control procedures.
- AA-2 (RED) High radiation in TSC airflow. If illuminated follow radiation control procedures.
- AB-1 (RED) High radiation in lab area of TSC. If illuminated follow radiation control procedures.
- AB-2 (RED) High radiation in lab area airflow. If illuminated follow radiation control procedures.
- AC (WHITE) TSC Mode 4 pressurization. If not illuminated during Mode 4 pressurization check the procedure for Mode 4 operation.
- AD (WHITE) TSC Mode 3 isolation. If not illuminated during Mode 3 isolation, check the procedure for Mode 3 operation.
- AE TSC Mode 1 normal ventilation. Illuminated in normal operation Mode 1.
- AF SPARE. Not illuminated.
- BA-1 Normal vent damper open Mode 1. Illuminated in normal operation Mode 1. If not illuminated in Mode 1 verify manual operated damper O-18 is open.

TITLE: ACTIVATION OF TSC VENTILATION SYSTEM FOR ABNORMAL OPERATION

- BA-2 Carbon filter damper closed in Mode 1. Illuminated in normal operation Mode 1. If not illuminated in Mode 1 verify manual operated damper 0-26 is closed.
- BB-1 Normal vent damper open in Mode 3 or 4. Illuminate when damper 0-18 is open in Mode 3 or 4 operation. Damper 0-18 must be closed manually.
- BB-2 Carbon filter damper closed in Mode 3 or 4. Illuminated when damper 0-26 is closed in Mode 3 or 4 operation. Damper 0-26 must be opened manually.
- BC Normal vent fan on OS-93. Illuminated in normal operation Mode 1. Should be off in Mode 3 or 4 operation.
- BD Carbon filter low air flow FB-94. Illuminated when there is not enough airflow through carbon filters in Mode 3 or 4 operation. Check lead and redun. Supply fans OS-94 and OS-95 for one of them to be running with corresponding damper open, 0-24 or 0-25.
- BE-1 TSC Area Air Condition on, OS-92, illuminated in all operations.
- BE-2 Lab area air condition on, OS-90. Illuminated in all operations.
- BF-1 TSC area air condition off in Mode 3 or 4 OS-92. Illuminated when air conditioner for TSC is not in operation during Mode 3 or 4. Investigate circuit breakers (PPTSC) to put back into operation.
- BF-2 Lab area air conditioner off in Mode 3 or 4, OS-90. Illuminated when air conditioner for lab area is not in operation during Modes 3 or 4. Investigate circuit breakers (PPTSC) to put back into operation.
- CA Lead duct heater on Mode 4 operation, OEH28A. Illuminated in proper Mode 4 operation.
- CB Lead duct heater malfunction, OEH28A. Illuminated when a malfunction is triggered in Mode 4 operation. To troubleshoot check the following:
- a. Check circuit breaker panel PPTSC3 to be on.
 - b. Check motor starter switch LPTSC3 to be on with green light illuminated.
 - c. Check damper 0-17 to be open.
- If the lead duct heater still will not function turn the starter switch LPTSC3 off and energize LPTSC4 for redun. supply heater OEH28B.

TITLE: ACTIVATION OF TSC VENTILATION SYSTEM FOR ABNORMAL OPERATION

- CC No duct heater on Mode 4 operation, OEH28B illuminated in proper Mode 4 operation.
- CD Redun. duct heater malfunction, OEH28B. Illuminated when a malfunction has tripped a sensor. To trouble shoot check the following:
- Check circuit breaker panel PPTSC4 to be on.
 - Check motor starter switch LPTSC4 to be on with green light illuminated.
 - Check damper 0-17 to be open.
- If both OEH-28A and OEH-28B both cannot be energized, notify Control Room that Mode 4 Operation of ventilation system is not functioning.
- CE Lead supply fan on Mode 3 or 4, OS-94. Illuminated in normal Mode 3 or 4 operation. If inoperable in Mode 3 or 4 check the following.
- Check circuit breaker panel PPTSC-6 to be on.
 - Check at local disconnect switch LPTSC-5, place in on position and verify green light is illuminated.
 - Press start button and verify green light is out and red light is illuminated with fan running.
 - Verify corresponding damper is open 0-24 or 0-25.
- If the fan will not operate properly turn local disconnect switch LPTSC-5 off and LPTSC-6 on for fan OS-95.
- CF Redun. supply fan on Mode 3 or 4, OS-95. Illuminated in Mode 3 or 4 when OS-94 is not functioning. If OS-95 is also inoperable refer to checklist on panel CE. If neither fan will operate notify the control room of malfunction.
- DA TSC radiation monitor failure or loss of AC power. Illuminated when the TSC radiation monitor fail or lose AC power. Switch the TSC to vital AC power. If still illuminated, notify the shift foreman.
- DB Fire Detector. Illuminated when fire is detected in HVAC Room.
- DC SPARE. Not illuminated.
- DD-1 Pressurization damper closed in Mode 4, 0-17. Illuminated when damper 0-17 is closed in Mode 4. Damper 0-17 must be opened manually.
- DD-2 Pressurization damper open in Mode 1, 2 or 3, 0-17. Illuminated when damper 0-17 is open in Mode 1, 2, or 3. Damper 0-17 must be closed.
- DE SPARE. Not illuminated.

TITLE: ACTIVATION OF TSC VENTILATION SYSTEM FOR ABNORMAL OPERATION

FIGURE 1
Annunciator Panel

	A	B	C	D	E	F
A	TSC AREA HIGH RAD	TSC LAB AREA HIGH RAD	TSC MODE 4 PRESSURIZATION	TSC MODE 3 ISOLATION	TSC MODE 1 NORMAL VENT	SPARE
	TSC AIRBORN HIGH RAD	TSC AIRBORN HIGH RAD				
B	NORMAL VENT DAMPER OPEN MODE 1 0-18	NORMAL VENT DAMPER OPEN MODE 3 OR 4 0-18	NORMAL VENT FAN ON OS-93	CARBON FILTER LOW AIR FLOW FB-94	TSC AREA AIR COND. ON OS-92	TSC AREA AIR COND. OFF MODE 3 OR 4 OS-92
	CARBON FILTER DAMPER CLOSED MODE 1 0-26	CARBON FILTER DAMPER CLOSED IN MODE 3 OR 4 0-26			LAB AREA AIR COND. ON OS-90	LAB AREA AIR COND. OFF MODE 3 OR 4 OS-90
C	LEAD DUCT HEATER ON MODE 4 OEH 28A	LEAD DUCT HEATER MALFUNCTION OEH 28A	NO DUCT HEATER ON MODE 4 OEH 28B	REDUN. DUCT HEATER MALFUNCTION OEH 28B	LEAD SUPPLY FAN ON MODE 3 OR 4 OS-94	REDUN. SUPPLY FAN ON MODE 3 OR 4 OS-95
D	TSC RAD MON FAILURE OR LOSS OF AC POWER	FIRE DETECTOR	SPARE	PRESS DAMPER CLOSED IN MODE 4 0-17	SPARE	SILENCE ACY <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> TEST RESET
				PRESS DAMPER OPEN IN MODE 1 2 OR 3 0-17		

— LIGHTS IN RED