

50-293

NUCLEAR ORGANIZATION  
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Manual - EPS P 210 Rev. 7  
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## CHANGE INSTRUCTION NOTICE (CIN)

Transmittal No.: 00-346 Date: 12-12-00

Please update your copy of CPLP210  
with the attachments to this transmittal as instructed below.

[illegible]

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EP-IP-201	Emergency Plant Manager	1	05/14/99
EP-IP-202	Company Spokesperson	2	03/15/00
EP-IP-210	Control Room Augmentation	7	12/12/00
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EP-IP-230	OSC Activation and Response	3	11/15/00
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EP-IP-252	Facilities Support	6	09/28/99
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EP-IP-254	Communications Support	2	12/06/00
EP-IP-259	EOF Equipment Operation	3	05/24/00
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EP-IP-501	Transport of Contaminated Injured Personnel	3	05/24/00
EP-IP-520	Transition and Recovery	4	12/31/99

# PILGRIM NUCLEAR POWER STATION

Procedure No. EP-IP-210

CONTROL ROOM AUGMENTATION



Stop  
Think  
Act  
Review

SAFETY RELATED

## REVISION LOG

### **REVISION 7**

**Date Originated 6/00**

#### Pages Affected

#### Description

All	Reformat IAW PNPS 1.3.4-1. (Revision bars are not shown for reformatting.)
7	Add Notes to clarify SPDS and ENS use.
8	Correct title of EP-IP-100.
9	Change EP "Manager" to EP "Superintendent".
10	Editorial correction to Plant Data Form to reference Recirc Pump B and Torus Bottom Pressure.
11	Update EP-IP Procedure references.

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## **1.0 PURPOSE**

This Procedure provides instructions to the Emergency Plant Operations Supervisor and Control Room Communicators to ensure sufficient augmentation of the normal Control Room operating shift during emergencies classified at the Alert level or higher.

## **2.0 REFERENCES**

- [1] NRC Letter 1.87.263 dated 8/31/87, "NRC/Licensee Technical Information Flow During Exercises and Emergencies"
- [2] PNPS 2.2.17, "*Communications Systems*"
- [3] PNPS Emergency Plan

## **3.0 DEFINITIONS**

None

## **4.0 DISCUSSION**

None

## **5.0 RESPONSIBILITIES**

- [1] The Emergency Plant Operations Supervisor is responsible for:
  - (a) Implementing this Procedure.
  - (b) Calling in off-shift Operators as necessary to augment the Control Room, TSC, and OSC staff.
  - (c) Reporting to the Control Room upon notification that an emergency has been declared at the Alert classification or higher. The Emergency Plant Operations Supervisor may relieve the Operations Shift Superintendent (OSS) of the duties of Emergency Director until the On-Call Emergency Director assumes his duties in the EOF.
  - (d) Assigning knowledgeable individuals to man the Emergency Notification System (ENS) phone and the Plant Data Phone (PDP).



- (e) Assigning an off-shift SRO to assume the role of OSC Operations Coordinator in the OSC and an off-shift SCRE to report to the TSC.
- (f) Coordinating with the OSS in directing plant activities and damage control efforts.
- (g) Keeping the Emergency Plant Manager advised of plant status, operations, and potential changes in emergency classification.
- (h) Coordinating assistance from the Emergency Response Organization required to support the OSS and operating staff.
- (i) Functioning as the liaison between the Control Room and the TSC and providing briefings as appropriate.

[2] The Plant Data Phone (PDP) Communicator is responsible for:

- (a) Upon designation by the Emergency Plant Operations Supervisor, reporting to the Control Room and establishing communications via the PDP with the TSC and the EOF.
- (b) Completing the Plant Data Form (Attachment 1) and transmitting up-to-date data periodically or as requested over the PDP.
- (c) Providing data, as requested, to the ENS Communicator for transmission to the NRC via the ENS phone.

[3] The ENS Communicator is responsible for:

- (a) Upon designation by the Emergency Plant Operations Supervisor, reporting to the Control Room and establishing continuous communications with the NRC via the ENS phone or alternate method.
- (b) Providing plant data, as requested by the NRC ENS Communicator, over the ENS phone.
- (c) Establishing and maintaining a log of all ENS communications.

## 6.0 PROCEDURE

### 6.1 ACTIVATION

#### [1] Emergency Plant Operations Supervisor

- (a) Upon notification that an emergency has been declared and classified at the Alert level or higher, initiate a call-out of off-shift Operators as necessary to augment the Control Room, TSC, and OSC staff. This call-out shall, as a minimum, include:
  - (1) One Operator or suitably qualified individual to man the PDP.
  - (2) One Operator or suitably qualified individual to man the ENS phone.
  - (3) One SRO to assume the role of OSC Operations Coordinator in the OSC.
  - (4) One CRS/SCRE to report to the TSC.

#### NOTE

The Emergency Plant Operations Supervisor may relieve the OSS of the role of Emergency Director upon arrival in the Control Room if not already relieved by the on-call Emergency Director in the EOF. The Emergency Plant Operations Supervisor would then perform the duties of the Emergency Director until relieved by the on-call Emergency Director in the EOF.

- (b) Report to the Control Room and assume the role of Emergency Plant Operations Supervisor.
- (c) Assign an off-shift Operator or designated individual, upon arrival, to complete a copy of the Plant Data Form (Attachment 1) and establish communications with the TSC and the EOF over the PDP.
- (d) Assign an off-shift Operator or designated individual, upon arrival, to establish communications with the NRC over the ENS phone and maintain a communications log.
- (e) Assign an off-shift SRO, upon arrival, to assume the role of OSC Operations Coordinator in the OSC.
- (f) Establish an open line of communication with the TSC via the Mitigation Line.
- (g) Inform the Emergency Plant Manager that minimum Control Room augmentation has been established.

- (h) If the event includes a loss of off-site power, request a fuel management plan from the TSC to ensure adequate long-term fuel supply for the Emergency Diesel Generators.

[2] Plant Data Phone (PDP) Communicator

NOTE

The primary means of data transmission to the TSC and the EOF is the Safety Parameter Display System (SPDS). The PDP should be limited to providing data not available in SPDS. The Plant Data Form (Attachment 1) is to be used if the SPDS is unavailable.

- (a) Upon direction by the Emergency Plant Operations Supervisor, complete a copy of the Plant Data Form (Attachment 1).
- (b) Establish communications with the TSC and the EOF over the PDP and transmit the data from the Plant Data Form (Attachment 1).
- (c) Provide the completed Plant Data Form to the ENS Communicator.

[3] ENS Communicator

NOTE

The primary means of data transmission to the NRC is the Emergency Response Data System (ERDS). Plant data supplied to the NRC over the ENS phone is intended to supplement the ERDS data or to replace ERDS data if ERDS is unavailable.

- (a) Upon direction by the Emergency Plant Operations Supervisor, establish communications with the NRC over the ENS phone as follows:
  - (1) Pick up the ENS telephone.
  - (2) When the NRC Duty Officer answers:
    - a. Inform the officer that this is Pilgrim Nuclear Power Station, Plymouth, Massachusetts.
    - b. Identify yourself.
    - c. Ask for the officer's identification.
    - d. The NRC Duty Officer will ask you to hold while a three party conference is established with the Region 1 Duty Officer if not already established.

- (3) Make a log entry noting the names of the individual(s) with whom communications have been established and the time contacted.

## 6.2 OPERATIONS

### [1] Emergency Plant Operations Supervisor

- (a) Periodically review EP-IP-100, "*Emergency Classification and Notification*," and recommend changes to the current emergency classification, as appropriate, to the Emergency Plant Manager.
- (b) Periodically review Operations staffing levels and identify, if necessary, additional individuals to be called in to the OSC Operations Coordinator in the OSC.
- (c) Conduct a briefing of the Emergency Plant Manager for any significant plant operation and actual or anticipated changes in plant conditions.
- (d) Verify significant Control Room activities and events are recorded in the Control Room log.

### [2] Plant Data Phone (PDP) Communicator

- (a) Complete a Plant Data Form (Attachment 1) periodically or as significant plant conditions change and transmit the data over the PDP to the TSC and the EOF.
- (b) Obtain and provide other plant data, as requested, to the TSC, EOF, ENS Communicator, or Control Room Radiation Data Communicator. (This communicator is sent to the Control Room by the Onsite Radiological Supervisor.)

### [3] ENS Communicator

Provide plant data to the NRC Communicator over the ENS phone as requested and log all communications.

## 6.3 DEACTIVATION

### [1] Upon direction from the Emergency Plant Manager, the Emergency Plant Operations Supervisor shall deactivate Control Room augmentation by:

- (a) Terminating communications via the PDP Mitigation Line and ENS.
- (b) Completing the Control Room activity and communications log by noting the time that Control Room augmentation was terminated.
- (c) Collect and forward all logs and records generated to the Emergency Plant Manager.

### [2] The Emergency Plant Operations Supervisor shall report any equipment, Procedure, or personnel problems to the Emergency Plant Manager.

## **7.0 RECORDS**

- [1] The following records are generated as a result of the implementation of this Procedure:
  - (a) ENS/NRC Communicator log
  - (b) Plant Data Form
- [2] All records shall be forwarded to the Emergency Preparedness Superintendent.

## **8.0 ATTACHMENTS**

ATTACHMENT 1 - PLANT DATA FORM

ATTACHMENT 2 - DOCUMENT CROSS-REFERENCE

ATTACHMENT 3 - IDENTIFICATION OF COMMITMENTS

PLANT DATA FORM

<b>1 AC POWER SOURCES</b> UAT insrv avail oos S/U XFMR insrv avail oos S/D XFMR insrv avail oos EDG A insrv avail oos EDG B insrv avail oos BODG insrv avail oos	<b>2 SAFEGUARDS</b> Rx Trip Signal _____ Mode S/D Refuel Switch SU/HSB Run SLC A insrv avail oos Pumps B insrv avail oos SLC TK LVL _____ gal	<table border="1"> <tr> <th>3 RHR</th> <th>Mode</th> </tr> <tr> <td>Loop A: A insrv avail oos C insrv avail oos</td> <td>Torus Cooling DW Spray Torus Spray LPCI SDC</td> </tr> <tr> <td>Loop Flow _____ GPM</td> <td></td> </tr> <tr> <td>Loop B: B insrv avail oos D insrv avail oos</td> <td>Torus Cooling DW Spray Torus Spray LPCI SDC</td> </tr> <tr> <td>Loop Flow _____ GPM</td> <td></td> </tr> </table>		3 RHR	Mode	Loop A: A insrv avail oos C insrv avail oos	Torus Cooling DW Spray Torus Spray LPCI SDC	Loop Flow _____ GPM		Loop B: B insrv avail oos D insrv avail oos	Torus Cooling DW Spray Torus Spray LPCI SDC	Loop Flow _____ GPM		<b>4 CS</b> Loop A: insrv avail oos Loop Flow: _____ GPM Loop B: insrv avail oos Loop Flow: _____ GPM																																													
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DOCUMENT CROSS-REFERENCE

This Attachment lists those documents, other than References, which may be affected by changes to this Procedure.

Document Number	Document Title
EP-IP-100	Emergency Classification and Notification
EP-IP-220	TSC Activation and Response
EP-IP-230	OSC Activation and Response
EP-IP-231	Radiation Protection Activation and Response
EP-IP-250	EOF Activation and Response

### IDENTIFICATION OF COMMITMENTS

This Attachment lists those external commitments (i.e., NRC commitments, QA audit findings, and INPO inspection items) implemented in this Procedure.

<b>Reference Document</b>	<b>Commitment</b>	<b>Affected Sections/Step(s)</b>
NRC Inspection Finding 85-19-04	Improve communications between the Control Room, OSC, and EOF	6.1, 6.2
NRC Inspection Finding 86-39-02	Provide for timely relief of the Watch Engineer as the Emergency Director	6.1[1](b) Note
NRC Letter 1.87.263	Technical Communications	Attachment 1 (Plant Data Form)
PR98.9530	Fuel Management	6.1[1](h)
PR98.9662	Fuel Management	6.1[1](h)