

POINT BEACH NUCLEAR PLANT  
TRAINING COURSE COVER SHEET

TITLE: TRCR 86.0, ADMINISTRATIVE	
Revision: 12	Date: MAY 1 1997
Describe changes (step/change/reason): (for Revision 0, describe purpose: provide summary review)	
TOTAL REWRITE.	
COURSE REVISED TO REFLECT IMPLEMENTATION OF SELF DIRECTED LEARNING MODULES.	
ASTERISK ITEMS TO BE INCLUDED PER NPM97-0190, "ADMINISTRATIVE PROCEDURE TRAINING FOR OPERATIONS PERSONNEL". REFERENCE RESTART COMMITMENT #75, NRC ENFORCEMENT CONFERENCE ACTION NUMBER 20.	
Temporary Change No	Date Performed:
Prepared by:	Date: April 30, 1997
Optional Reviews: (Check those desired)	
<input type="checkbox"/> ACCR:	Date:
<input checked="" type="checkbox"/> Group Head:	Date: 4-30-97
Reviewed by:	Date: 4/30/97
Approved By:	Date: 5/01/97

TR-7.3.1  
Rev. 0 (06/10/91)

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## 1.0 GOAL

The intent of the Administrative course is provide trainees with direction for self study of materials pertaining to watch standing duties, plant operating procedures, and administrative procedures.

## 2.0 DESCRIPTION

### 2.1 Prerequisites

A trainee should be enrolled in one of the following programs:

TRPR 18.0, Control Operator  
TRPR 19.0, Senior Reactor Operator  
TRPR 20.0, Duty Technical Advisor  
TRPR 30.0, Senior Reactor Operator - Certification

### 2.2 Length of Course

The Administrative course is approximately 80 hours of self-study and evaluation.

### 2.3 Syllabus

The Administrative course includes the following Self-Directed Learning Modules:

Conduct of Operations (TRCR 86.1)

Equipment Control (TRCR 86.2)

Radiation Control (TRCR 86.3)

Emergency Plan (TRCR 86.4)

## 3.0 EVALUATION

A written test measuring the objectives will be given upon completion of this course. Activity code is T86.0 A grade of  $\geq 80\%$  will be considered passing. A failure will result in remedial actions outlined in TIP 8.6, of the PBNP Training Manual.

## 4.0 TASK MATRIX

A task matrix is attached.

## TRCR 86.1 - CONDUCT OF OPERATIONS

### 1.0 TERMINAL OBJECTIVES

#### COT TASKS:

- C6501COT T      Assess Technical Specifications and procedural requirements to equipment necessary for safe operation of the plant.
- C6512COT T      Recognize abnormal parameters or conditions.
- P2603COT PA      Respond to a loss of secondary coolant chemistry control.
- P6501COT T      Assess Technical Specifications and procedural requirements to equipment necessary for safe operation of the plant.
- P6503COT T      Maintain required logs, records, charts, printouts, and status boards.

#### SRO TASKS:

- C0307SRO T      During all modes of operation and given Technical Specifications apply safety limits, settings and operating conditions that are addressed by Technical Specifications.
- P0301SRO T      During plant refueling and given OM 3.10 supervise refueling operations in accordance with OM 3.10, "Operations Personnel Assignments and Scheduling."
- P0302SRO T      During all modes of operation and given OM 3.9 conduct shift turnover in accordance with OM 3.9, "Guidelines for Watch Standing Logbooks, Records and Status Control."
- P0303SRO T      During all modes of operation and given OM 3.9 maintain required logs, records and status boards in accordance with OM 3.9, "Guidelines for Watch Standing, Logbooks, Records & Status Control."
- P0308SRO T      During all modes of operation and given OM 3.2 coordinate load changes with the systems control supervisor in accordance with OM 3.2, "System Control Center - and WE Energy Marketing Group Communications."
- P0310SRO T      During all modes of operation and given OM 3.9 review operating logs for trends and out-of-specification conditions in accordance with OM 3.9, "Guidelines for Watch Standing, Logbooks, Records & Status Control."

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- P0314SRO T During all modes of operation and given DCS 2.1.1, perform required notifications in accordance with DCS 2.1.1.
- P0315SRO T During plant evolutions direct personnel actions. Satisfactory direction would accomplish the evolution in a timely manner without damage to equipment or personnel injury.
- P0323SRO T During all modes of operation review completed procedures.
- P0324SRO T During all modes of operation given Technical Specifications and normal operating procedures review chemistry data to ensure conformance to specifications in Technical Specifications and normal operating procedures.
- P0330SRO T At all times implement the plant Security Manual.
- P0403SRO T During all modes of operation and given the Fire Protection manual direct actions of the fire brigade in accordance with the Fire Protection Manual.
- P0507SRO T During all modes of operation and given the Fire Protection Manual conduct on-shift fire brigade training in accordance with the Fire Protection Manual.
- P0508SRO T Given the Fire Protection Manual, conduct a fire drill in accordance with the Fire Protection Manual.
- P0711SRO T During all modes of operation and given the OM 3.1 control personnel access and conduct in the control room in accordance with OM 3.1, "Main Control Room Environment, Conduct and Access."
- P0910SRO T During shutdown condition and given RP-1A, establish initial conditions for refueling in accordance with RP-1A, "Preparation for Refueling."
- P0918SRO T During shutdown conditions and given RP-1B, recover from refueling in accordance with RP-1B, "Recovery from Refueling."
- P1014SRO T During all modes of operation, utilize effective communications. Satisfactory effective communication would incorporate different kinds of feedback and open loop versus closed loop communication.
- C0304SRO T During all modes of operation, determine priority for on-shift assignments. Satisfactory categorization would consider; task frequency, its Technical Specifications implications, possible load reductions, and interference with other tasks.

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P0703SRO T	During all modes of operation and given NP 1.2.2 prepare a temporary procedure change in accordance with NP 1.2.2, "Technical Procedure Classification, Review and Approval."
P0707SRO T	During all modes of operation and given NP 1.4.3 prepare a DCN in accordance with NP 1.4.3.
P1004SRO P	During all modes of operation and given TS 15.6.11 and HP 2.6 maintain positive control of assigned keys in accordance with TS 15.6.11, "Radiation Protection Program," and HP 2.6, "High Radiation Area and Radioactive Source Key Control."
C0402SRO T	During abnormal/emergency condition and given AOPs, CSPs and EOPs recognize procedures which are required by an emergency/abnormal event in accordance with the AOPs, CSPs and EOPs.
C0404SRO T	During abnormal/emergency condition and given AOPs, CSPs and EOPs analyze indications to determine that an emergency/abnormal plant event is in progress in accordance with AOPs, CSPs and EOPs.
C0405SRO T	During abnormal/emergency condition and given AOPs, CSPs and EOPs recognize plant conditions that require a manual reactor trip in accordance with the AOPs, CSPs and EOPs.
C0702SRO T	Following plant trips or other significant incidents, synthesize information during post-incident reviews in accordance with OM 4.1.1, "Post-Trip Review," and NP 5.3.3, "Post-Incident Critique and Investigation."
C0801SRO T	During all modes of operation and given the EOPs and AOPs, diagnose the cause, severity, and location of the emergency/abnormal event in accordance with EOPs and AOPs.
C0805SRO T	During abnormal/emergency condition and given AOPs, CSPs and EOPs analyze and verify that all plant emergency systems function properly in accordance with the AOPs, CSPs and EOPs.
C0807SRO T	During abnormal/emergency condition and given AOPs, CSPs and EOPs evaluate the adequacy of responses of personnel involved in emergency evolutions. Satisfactory evaluation would consider how well the procedures were used, the teamwork and communications between personnel and the level of excitement/confusion.
C1005SRO T	During all modes of operation and given OM 4.1.7 recognize a nonscheduled radioactive release in accordance with OM 4.1.7, "RMS Alarm Setpoint and Response Book."

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- P0404SRO T During abnormal/emergency condition and given AOPs, CSPs and EOPs direct personnel to mitigate emergency/abnormal event in accordance with the AOPs, CSPs and EOPs.
- P0706SRO T Following a reactor trip or other significant incident, collect information and investigate the cause(s) of plant trips and/or other significant incidents in accordance with NP 5.3.3 and OM 4.1.1.
- P1003SRO T During all modes of operation and given OM 4.1.7 evaluate RMS alarms/abnormalities in accordance with OM 4.1.7, "RMS Alarm Setpoint and Response Book."

DTA TASKS:

- C0210DTA T Given an off-normal plant condition, apply the incident reporting requirements of 10 CFR 50 as interpreted by PBNP to the off-normal plant condition or event.
- C0219DTA T When off-normal plant conditions exist, assess the Technical Specification requirements of the condition to determine any required plant actions.
- P0213DTA P When taking over or being relieved from duty, perform a DTA duty turnover to ensure that no pertinent information is lost and to be sure of the condition of the plant.
- P0401DTA T Following a reactor trip or other significant incident, collect information and investigate the cause(s) of plant trips and/or other significant incidents in accordance with NP 5.3.3 and OM 4.1.1.
- P3336DTA N Given an alarm at the SBCC alarm panel or RMS cabinet, respond to the alarm in accordance with PB 85-292.
- P5401DTA T When directed under abnormal plant conditions or for the DTA communications check, operate the PBNP pager system to contact the desired individual(s).

2.0 DESCRIPTION

2.1 Prerequisites

None



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2.2 Lessons

LP2558, Shift Turnover

\*OM 3.9, Watchstander Status Checks and Watchstander Turnover Guides (PBNP 4.16)

LP2559, Shift Staffing Requirements

\*OM 3.1, Operations Shift Staffing Requirements (PBNP 4.4)  
OM 3.10, Operations Personnel Assignments and Scheduling (PBNP 4.3)  
OM 3.26, Use of Dedicated Operators (PBNP 4.12.4 & 4.12.54)  
\*TS 15.6.2, Organization  
NP 1.6.6, Work Duration Restrictions (PBNP 3.4.4)  
\*NOM DCS - Duty and Call Supervisor  
\*NOM DTA - Duty Technical Advisor  
\*NOM MSS - Manager Supervisory Staff  
\*NOM OPS - Operations  
\*FSAR 12.2 - Organization  
Fire Protection Manual

LP2560, Temporary Modification to Procedures

NP 1.2.2, Technical Procedure Classification Review and Approval (PBNP 2.1.1)  
NP 1.2.3, Temporary changes (PBNP 2.1.13)  
NP 1.2.6, Infrequently Performed Tests or Evolutions (IPTES) (PBNP 3.4.19)  
OM 5.4.6, Instructions for Making Changes in the Electrical Master Data Book (PBNP 4.29)  
OM 5.4.7, Drawing Revisions (PBNP 4.12.12)  
NP 1.4.3, Drawing Change Notice Procedure (QP 6-4)

LP2561, Reactor Plant Startup Requirements

OP-1B, Reactor Startup  
OP-1B Appendix A, Estimated Rate Position Calculation  
CL-1A, Criticality Checklist

LP2562, Mode Changes

CL-1A, Criticality Checklist  
CL-1B, Containment Integrity  
CL-1C, Main Turbine Loading and Unloading Limitations (For Startup, Shutdown, and Significant Load Change Operations)  
CL-1D, Heatup  
CL-1E, Containment Closure Checklist  
OM 3.2, System Control Center and WE Energy Marketing Group Communications (PBNP 4.15)

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LP2563, Plant Parameter Verification

- OP-1B Appendix A, Estimated Rate Position Calculation
- OP-3B Appendix A, Shutdown Margin Calculation
- REI 1.0, Power Level Determination and Guidelines
- REI 2.0, Power Range Detector Power Level Adjustment
- REI 13.0, Quadrant Power Tilt
- OM 3.19, Reactor Coolant System Leakage Determination (PBNP 4.11)
- OI-55, Primary Leak Rate Calculation
- OI-96, Steam Generator Tube Leakage Calculation and Evaluation
- \*AM 3-14, FSAR Maintenance and Update Policy
- \*NP 5.2.6, FSAR Revisions (QP 6-8)

LP2564, Short Term Information

- Operations Notebook
- \*OM 3.13, Operations Notebook
- OM 3.14, Operations Group Special Orders (PBNP 4.14)
- OM 3.15, Operations Group Standing Orders (PBNP 4.12)

LP2565, Key Control

- HP 2.6, High Radiation Area and Radioactive Source Key Control

LP2566, Security

- NP 1.7.1, Security Expectations (PBNP 3.8.9)
- NP 1.7.5, Fitness for Duty Policy and Procedure (PBNP 3.8.5)
- NP 1.7.10, Bomb and Overt Threats (PBNP 3.8.6)

LP2567, Fuel Handling

- RP 1A, Preparation for Refueling
- RP-1B, Recovery From Refueling
- RP 1C, Refueling
- RP 2A, Receipt of New Fuel Assemblies
- OI-3, Thimble Plug Handling Tool
- OI-4, Spent fuel Assembly Handling Tool
- OI-5, Irradiation Capsule Handling Tool
- OI-6, Guide tube Insert Handling Tool
- OI-7, Burnable Poison Rod Assembly (BPRA)/Plug Device Handling tools (Z-100 old/new)
- OI-8, Portable Load Cell Instrument
- OI-19, Spent Fuel Pit Demineralizer Resin Flush and Recharge, U6
- OI-22C, Changing Spent Fuel Pool Filter
- OI-23, Containment Fuel Transfer Equipment
- OI-23A, containment Refueling Cavity Filtration System (Z-467)
- OI-51, Spent Fuel Pool/Transfer Canal Doors
- OI-52, Spent Fuel Pool Skimmer Suction Strainer Changeout.
- OI-53, Positioning of the Fuel Transfer Cart



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OI-56, Draining and Refilling the Transfer Canal  
OI-74, Spent fuel Rack Poison Handling Tool  
OI-75, RCC Change Tool (Z-023H)  
OI-91, SFP Bridge Hoists  
OI-94, Fuel Assembly Loading Guides (Z-701 and Z-702)

LP2568, Miscellaneous

\*OM 3.4, Operations Self-Checking Expectations  
OM 3.18, Operations Administrative Limits  
OM 3.23, Operations Response to Alarms, and Abnormal Indications  
CANCELED. Renumbered to OM 1.1, Conduct of Plant Operations  
OM 3.29, Pre-Job and Post-Job Briefings  
OM 4.1.6, alarm Response (PBNP 4.5.6)  
OM 6.1, Performance Assessment Program  
NP 1.1.4, Procedure Use and Adherence  
NP 1.6.4, Verbal Communication Procedure (PBNP 3.4.24)  
NP 1.2.4, Procedure Documentation Requirements (PBNP 2.1.4)  
NP 2.3.3, Work Control Center  
\*NP 5.3.1, Condition Reporting system (QP 15-3)  
OM 4.1.1, Post Trip Review (PBNP 3.4.10)  
OM 4.1.7, RMS Alarm Setpoint and Response Book (RMSARB) (PBNP 4.5.11)  
NP 3.2.2, Primary Water Chemistry Monitoring Program (PBNP 8.4.2)  
NP 3.2.3, Secondary Water Chemistry Monitoring Program (PBNP 8.4.1)  
NP 5.3.3, Post Incident Critique and Investigation (PBNP 2.3.2)  
DCS 2.1.1, Requirements and Guidance for Immediate Notification to NRC/EPA of "Significant Events" at PBNP.

3.0 EVALUATION

Individual lesson enabling objectives may be evaluated by classroom assignments, written quizzes, or other means as determined appropriate by the instructor.

## TRCR 86.2 - EQUIPMENT CONTROL

### 1.0 TERMINAL OBJECTIVES

#### COT TASKS:

- C6401COT T      Assess the consequences of safety related equipment not meeting operability criteria.
- P6405COT T      Perform pump/valve operability test.

#### SROT TASKS:

- C0101SRO T      During all modes of operation analyze overall plant status to determine whether maintenance is permissible. Satisfactory coordination would ensure plant system lineups to support maintenance met Technical Specifications and did not cause plant automatic protective actions to occur.
- C0103SRO T      During all modes of operation and given OM 4.2.2 determine required post-maintenance testing is in accordance with OM 4.2.2, "Inservice Testing."
- C0105SRO T      During all modes of operation and given OM 4.2.2 analyze the results of post-maintenance tests to determine equipment or system operability in accordance with OM 4.2.2, "Inservice Testing."
- C0106SRO T      During all modes of operation and given NP 8.1.1 determine the need for an unforeseen MWR in accordance with NP 8.1.1, "Work Order Process."
- C0107SRO T      During all modes of operation and given NP 1.9.15 analyze a red tag series to be adequate to maintain personnel safety and system protection in accordance with NP 1.9.15, "Danger Tag Procedure."
- C0110SRO T      During all modes of operation and given NP 7.3.1 analyze temporary modifications for their impact on operation in accordance with NP 7.3.1, "Temporary Modifications."
- C0202SRO T      During all modes of operation and given OM 4.2.2 analyze the results of the data on surveillance/periodic tests to verify plant/equipment operability in accordance with OM 4.2.2, "Inservice Testing."
- C0203SRO T      During all modes of operation and given Technical Specifications recognize Technical Specification limits imposed by existing plant conditions prior to testing.

ADMINISTRATIVE

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- C0205SRO T During all modes of operation analyze the effect that testing has on plant operations. Satisfactory analysis would ensure procedures were being followed and no automatic protective actions are necessary.
- C0301SRO T During all modes of operation and given PCs, CLs, and OM 3.17 determine equipment requiring locking (red lock, padlocks, etc.) and/or independent verification in accordance with PCs, CLs and OM 3.17.
- P0104SRO T During all modes of operation and given NP 1.9.15 authorize hanging and clearing of red tags on plant equipment in accordance with NP 1.9.15, "Danger Tag Procedure."
- P0107SRO T During all modes of operation and given NP 8.1.1 and NP 1.9.15 authorize performance of maintenance in accordance with NP 8.1.1, "Work Order Process" and NP 1.9.15, "Danger Tag Procedure."
- P0109SRO T During all modes of operation and given NP 8.1.1 perform post-maintenance inspections in accordance with NP 8.1.1, "Work Order Process."
- P0115SRO T During all modes of operation and given NP 1.9.13 approve ignition control permits in accordance with NP 1.9.13, "Ignition Control Procedure."
- P0116SRO T During all modes of operation and given NP 1.9.9 approve transient combustible control permits in accordance with NP 1.9.9, "Transient Combustible Control."
- P0118SRO T During all modes of operation and given NP 7.3.1 approve temporary modifications in accordance with NP 7.3.1, "Temporary Modifications."
- P0119SRO P Given a copy of NP 8.1.1, "Work Order Process," prepare an unforeseen MWR.
- P0120SRO P Given a copy of OM 5.4.4, "Control of Posted Plant Information," prepare a temporary information sheet.
- P0121SRO P Given a copy of NP 8.4.8, "Requirements for Scaffold Near Safety-Related Equipment," authorize temporary scaffolding permits.
- P0122SRO P Given a copy of NP 8.4.11, "Penetrating Barriers", and PBF-0034, "Fire Barrier Penetration Permit," authorize a fire barrier penetration permit.
- P0123SRO T Determine the applicability of 10 CFR 50.59 to a proposed modification, change, test or experiment.

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- P0202SRO T During all modes of operation and given OM 4.2.2 authorize performance of surveillance/tests assigned on shift in accordance with OM 4.2.2, "Inservice Testing."
- P0331SRO P Given a plant surveillance, perform the surveillance as per the inspection program.
- P0917SRO T During refueling and given the operational refueling test procedure, participate in ORT 3, "Safety Injection Actuation with Loss of Engineered Safeguards AC" in accordance with the procedure.

2.0 DESCRIPTION

2.1 Prerequisites

None

2.2 Lessons

LP2569, Surveillance Requirements

OM 4.2.1, Technical Specification Tests (PBNP 4.5.7)  
OM 4.2.2, Inservice Tests (PBNP 4.5.8)  
OM 4.2.3, Periodic Callups (PBNP 4.5.9)  
OM 4.2.4, Operations Refueling Tests (PBNP 4.5.10)  
OM 4.2.5, Documentation of Technical Specification Surveillance Requirements (PBNP 4.12.48)  
OM 5.4.1, Operating Group Periodic Testing and Surveillance (PBNP 4.10)  
NP 5.1.5, Implementation of TS/Safety-Related Surveillance Testing Requirements (PBNP 3.2.1)

LP2570, Maintenance

OM 3.12, Control of Equipment and Equipment Status  
OM 3.20, MOV/AOV Operation and Maintenance Guidelines  
OM 3.27, Control of Fire Protection & Appendix R Safe Shutdown Equipment (4.12.7)  
OM 3.28, Valve and Equipment Operation (PBNP 4.12.4)  
\*NP 8.1.3, Post Maintenance Testing (PBNP 3.2.6)  
NP 8.1.1, Work Order Processing (PBNP 3.1.3)

LP2571, Tagging and Clearances

OM 3.17, Independent Check Guidelines (PBNP 4.12.18)  
NP 1.9.15, Danger Tag Procedure

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LP2572, Temporary Modification of Systems  
NP 7.3.1, Temporary Modifications (QP 3-12)

LP2573, Familiarity with and use of Piping and Instrument Drawings

LP2574, Miscellaneous

- \*NP 1.9.4, Confined Spaces Procedures (PBNP 3.5.4)
- \*NP 1.9.5, Industrial Safety Equipment (PBNP 3.5.5)
- \*NP 1.9.13, Ignition Control Procedure (PBNP 3.4.1)
- \*NP 2.3.4, System Restoration
- \*NP 10.3.1, Authorization of Changes, Tests, and Experiments (10 CFR 50.59 and 72.48 Reviews) (QP 3-3)
- NP 1.9.9, Transient Combustible Control (PBNP 3.4.8)
- NP 8.4.11, Penetrating Barriers (PBNP 3.4.11)
- NP 8.4.8, Requirements for Scaffolding Near Safety-Related Equipment (PBNP 3.4.16)
- OM 5.4.4, Control of Posted Plant Information (PBNP 4.20)

3.0 EVALUATION

Individual lesson enabling objectives may be evaluated by classroom assignments, written quizzes, or other means as determined appropriate by the instructor.

### TRCR 86.3 - RADIATION CONTROL

#### 1.0 TERMINAL OBJECTIVES

##### SRO TASKS:

- C0108SRO T During all modes of operation determine if changes in plant conditions affect the applicability of an RWP. Satisfactory assessment would include areas and conditions which would change levels.
- P0113SRO T During all modes of operation and given NP 4.2.20 authorize an RWP in accordance with NP 4.2.20 and the RWP form itself.
- P0312SRO P During all modes of operation, approve radioactive waste discharge permits in accordance with radioactive liquid waste discharge permits.
- P0313SRO P During all modes of operation and given NP 4.2.14 approve extension of personnel dose limits for operations personnel in accordance with NP 4.2.14, "Administrative Dose Levels/Dose Level Extension Procedure."

#### 2.0 DESCRIPTION

##### 2.1 Prerequisites

None

##### 2.2 Lesson

LP2575, The Use and Function of Portable Radiation and Contamination Survey Instruments and Personnel Monitoring Equipment.

NP 4.2.27, Personnel Exposure Monitoring Device Minimum Requirements and General Use (HP 1.7)

HP 1.11, Portal Monitor Use and Alarm Response

HP 1.11.1, Personnel contamination Monitor PCM-1B Contamination Alarm Response Procedure

HP 2.1.2, Personnel Monitoring Requirements for Radioactive Contamination

HPIP 2.4, Use of RO-2 Portable Survey Instrument

HPIP 2.5, Use of RO-2A Portable Survey Instrument

HPIP 2.8, Use of RO-5 Portable Survey Instrument

HPIP 2.11, Use of Teletector 6112 Portable Survey Instrument

HP 2.16, Portable Survey Instrument and Exposure Monitoring Device Control Program

HPIP 2.26, Use of Victoreen 410 Portable Survey Instrument

HPIP 2.27, Use of RSO-50 Portable Survey Instrument



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LP2576, Knowledge of Significant Radiation Hazards

HP 3.2, Radiological Posting and Labeling Requirements

LP2577, The Ability to Perform Procedures to Reduce Excessive Levels of Radiation and to Guard Against Personnel Exposure.

NP 4.2.1 ALARA Policy (PBNP 3.7.1)

NP 4.2.3, ALARA Review Procedure (PBNP 3.7.4)

NP 4.2.10, ALARA Program (PBNP 11.2)

LP2578, Radiation Exposure Limits and Contamination Control, Including Permissible Levels in Excess of Those Authorized.

HP 2.15, Control of Personnel Exposure to High Level Contamination, Hot Particles, and Activated or Fission Product Debris

NP 4.2.13, Maximum Permissible Dose Limits (HP 1.3)

NP 4.2.14, Administrative Dose Levels/Dose Level Extension Procedure (HP 1.4)

NP 4.2.15, Fetal Protection Implementation Policy (HP 1.4.1)

NP 4.2.16, Visitor Access to a Radiologically Controlled Area (HP 1.5)

NP 4.2.18, Planned Special Exposure (HP 1.13)

\*NP 4.2.19, General Rules For Work in a Radiologically Controlled Area (HP 1.5)

NP 4.2.23, Routine Use Protective Clothing Requirements (HP 2.7.2)

NP 4.2.24, Non-Routine Use Protective Clothing Requirements (HP 2.7.3)

LP2578, Radiation Work Permits

HP 2.5.6, Radiologically Controlled Area Entry Permit

NP 4.2.20, Radiation work Permit (HP 2.5)

NP 4.2.21, Standing Radiation Work Permit (HP 2.5.1)

LP2580, Control of Radiation Releases

HP 2.12, Containment Entry/Exit Procedure

OP-9A, Liquid Waste Process System Operation

OP-9C, Containment Venting and Purging

OP-9D, Discharge of Gas Decay Tank(s)

OP-10E, Discharge of B CVCS HUT

### 3.0 EVALUATION

Individual lesson enabling objectives may be evaluated by classroom assignments, written quizzes, or other means as determined appropriate by the instructor.

## TRCR 86.4 - EMERGENCY PLAN

### 1.0 TERMINAL OBJECTIVES

#### DTA TASKS:

- C0210DTA T      Given an off-normal plant condition, apply the incident reporting requirements of 10 CFR 50 as interpreted by PBNP to the off-normal plant condition or event.
- 1102EMR T      When offsite notifications are required, apply procedural requirements as they pertain to notifications, in accordance with EPIP 2.1 and 2.2.
- 1107EMR T      When emergency action level requires activation of the TSC, operate emergency response facility communications equipment to provide accurate communications.
- P5402DTA P      Under abnormal plant conditions or for the DTA communications check, operate the portable radios to make the necessary communications.
- C3309DTA T      During emergency plan activation, classify emergency events in terms of emergency action levels in accordance with EPIP 1.2.
- C3310DTA T      When emergency conditions warrant, determine protective action recommendations in accordance with applicable procedures.

### 2.0 DESCRIPTION

#### 2.1 Prerequisites

None

#### 2.2 Lesson

LP2581, Emergency Plan

### 3.0 EVALUATION

Individual lesson enabling objectives may be evaluated by classroom assignments, written quizzes, or other means as determined appropriate by the instructor.

NUCLEAR POWER BUSINESS UNIT  
TRAINING COURSES

TRCR 86.0  
Revision 12  
May 1, 1997  
TOTAL REWRITE

ADMINISTRATIVE

Task Matrix	LP2558 Shift Turnover	LP2559 Shift Staffing Require- ments	LP2560 Temporary Modificati on to Procedures	LP2561 Reactor Plant Startup Require- ments	LP2562 Mode Changes	LP2563 Plant Parameter Verification	LP2564 Short Term Information	LP2565 Key Control	LP2566 Security	LP2567 Fuel Handling	LP2568 Miscellaneous
TRCR 86.1											
Conduct of Operations											
C6501COT											X
C6512COT											X
P2603COT											X
P6501COT											X
P6503COT											X
C0307SRO											X
P0301SRO		X									
P0302SRO	X										
P0303SRO	X										
P0308SRO					X						
P0310SRO	X										
P0314SRO											X
P0315SRO		X									
P0323SRO											X

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TRCR 86.1  Conduct of Operations											
P0324SRO											X
P0330SRO									X		
P0403SRO		X									
P0507SRO		X									
P0508SRO		X									
P0711SRO		X									
P0910SRO										X	
P0918SRO										X	
P1014SRO											X
C0304SRO		X									
P0703SRO			X								
P0707SRO			X								
P1004SRO								X			
C0402SRO											X

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TOTAL REWRITE

ADMINISTRATIVE

Task Matrix	LP2558 Shift Turnover	LP2559 Shift Staffing Require- ments	LP2560 Temporary Modificati on to Procedures	LP2561 Reactor Plant Startup Require- ments	LP2562 Mode Changes	LP2563 Plant Parameter Verification	LP2564 Short Term Information	LP2565 Key Control	LP2566 Security	LP2567 Fuel Handling	LP2568 Miscellaneous
TRCR 86.1											
Conduct of Operations											
C0404SRO											X
C0405SRO											X
C0702SRO											X
C0801SRO											X
C0805SRO											X
C0807SRO											X
C1005SRO											X
P0404SRO											X
P0706SRO											X
P1003SRO											X
C0219DTA											X
P0213DTA											X
P3336DTA											X
P5401DTA											X

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ADMINISTRATIVE

Task Matrix	LP2558 Shift Turnover	LP2559 Shift Staffing Require- ments	LP2560 Temporary Modificati on to Procedures	LP2561 Reactor Plant Startup Require- ments	LP2562 Mode Changes	LP2563 Plant Parameter Verification	LP2564 Short Term Information	LP2565 Key Control	LP2566 Security	LP2567 Fuel Handling	LP2568 Miscellaneous
TRCR 86.1  Conduct of Operations											
C0210DTA											X
P0407DTA											X



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Task Matrix	LP2569 Surveillance Requirements	LP2570 Maintenance	LP2571 Tagging and Clearances	LP2572 Temporary Modification of Systems	LP2573 Familiarity with and use of Piping and Instrument Drawings	LP2574 Miscellaneous
TRCR 86.2						
Equipment Control						
C6401COT	X					
P6405COT	X					
P0917SRO	X					
C0101SRO	X					
C0103SRO	X					
C0105SRO	X					
C0106SRO		X				
C0107SRO			X			
P0104SRO			X			
P0107SRO		X	X			
P0109SRO		X				
P0115SRO						X
P0116SRO						X
P0119SRO		X				

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Task Matrix	LP2569 Surveillance Requirements	LP2570 Maintenance	LP2571 Tagging and Clearances	LP2572 Temporary Modification of Systems	LP2573 Familiarity with and use of Piping and Instrument Drawings	LP2574 Miscellaneous
TRCR 86.2						
Equipment Control						
P0121SRO						X
P0122SRO						X
C0110SRO				X		
C0202SRO	X					
C0203SRO	X					
C0205SRO	X					
C0301SRO			X			
P0118SRO				X		
P0120SRO						X
P0123SRO						X
P0202SRO	X					
P0331SRO	X					

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Task Matrix TRCR 86.3 Radiation Control	LP2575 The Use and Function of Portable Radiation and Contamination Survey Instruments and Personnel Monitoring Equipment	LP2576 Knowledge of Significant Radiation Hazards	LP2577 The Ability to Perform Procedures to Reduce Excessive Levels of Radiation and to Guard Against Personnel Exposure	LP2578 Radiation Exposure Limits and Contamination Control, Including Permissible Levels in Excess of Those Authorized	LP2579 Radiation Work Permits	LP2580 Control of Radiation Releases
P0312SRO						X
C0108SRO					X	
P0113SRO					X	
P0313SRO				X		

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Task Matrix	LP2581 Emergency Plan					
TRCR 86.4						
Emergency Plan						
C0210DTA	X					
1102EMR	X					
1107EMR	X					
P5402DTA	X					
C3309DTA	X					
C3310DTA	X					