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 MARTIN, J.B. Region 5 (Post 820201)

SUBJECT: Forwards remediation program outline for control room supervisor on crew & shift manager on crew B.

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April 5, 1991  
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Docket No. 50-397

J. B. Martin  
Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region V  
1450 Maria Lane, Suite 210  
Walnut Creek, California 94596

Attention: Lew Miller

Gentlemen:

Subject: REMEDIATION PROGRAM OUTLINE FOR THE CONTROL ROOM SUPERVISOR  
ON CREW E AND THE SHIFT MANAGER ON CREW B

In accordance with item number 4 of the Basis for Continued Operation for WNP-2 dated March 22, 1991, enclosed is a curriculum outline for the remediation program to be executed by March 29, 1991. The content of the remediation curriculum was reviewed by phone with Mr. Lew Miller on March 27, 1991.

If you have any questions concerning the remediation program, please contact Robert Barmettlor, Manager, Nuclear License Training at (509) 377-8264.

Very truly yours,

*Ala Vasenkov*

Gerald C. Sorensen  
Manager, Regulatory Programs (280)

Enclosure: Curriculum outline for remediation program

RBB:jmg

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## Remediation Program

March 29, 1991

### I. Classroom (2 hours)

#### A. Review Annual R/Q and Operational Evaluation Exam Analysis

1. Identify general weaknesses by all crews

#### B. Table top EOPs

1. Problems encountered by all crews
2. Review of specific problems
3. Possible success paths

### II. Simulator Training (4 hours)

#### A. Detailed review of failed scenario

1. Identify specific crew and individual weaknesses

##### a. Command/Control

1. CROs not directed to monitor specific parameters
  - a) Level trending by crew members

2. Setting of priorities

##### b. Communications

1. Briefing of crew members
2. Feedback between crew members lacking

##### c. Procedure use

1. Deviation of written procedures

- a) 50.54x declaration

2. Re-entry into level control with high D/W pressure

- a) RPV/L control steps

## B. Conduct of Two Training Scenarios

### 1. Perform two Operation Evaluation style scenarios

#### a. Frequent use of FREEZE for discussion of:

1. Mitigation strategies
2. Procedural compliance
3. System response
4. Key parameters
5. Occurrence of additional Entry Conditions
6. Determination of EOP exit conditions

#### b. Repeat scenarios if required

### 2. Scenario descriptions

#### a. Hydraulic ATWS with Loss of All High Pressure Feed

1. RCIC OOS for maintenance
2. Loss of both RFPs
3. RFW-V-10A/B failed closed (broken air supply line)
4. HPCS-P-1 trips on Overcurrent (eventually recoverable)
5. Prevent Low Pressure injection at -192"
6. Emergency Depressurize
7. Recover HPCS and restore RPV/L when below MARFP

#### b. Turbine Trip without bypass/SORV/Small LOCA

1. Spurious Turbine Trip from 100% power
2. Bypass valves fail closed
3. Pressure spike initiates small LOCA in Containment requiring containment control action
4. SRV sticks open contributing to uncontrolled cooldown
5. RCIC steam break resulting in rapid system isolation
6. RPV level is controlled with condensate and/or HPCS

## III. Simulator Evaluation (2 scenarios approx. 50 minutes each)

### A. Use NRC approved Operational Evaluation Scenarios run on other crews

1. Alternate RPV/L restoration (82-RDE-0089-E18)
2. SORV/ATWS (82-RDE-0089-E2)

### B. Critique performance

