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AUTH. NAME AUTHOR AFFILIATION
CONWAY, W. F. Florida Power & Light Co.
RECIP. NAME RECIPIENT AFFILIATION
GRACE, J. N. Region 2, Ofc of the Director

See Rpt

SUBJECT: Forwards summary of mgt-on-shift weekly repts for period 880530-0606, per NRC 871019 order. PS-N MOS repts included.

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FPL

JUNE 8 1988

L-88-254

Dr. J. Nelson Grace
Regional Administrator, Region II
U. S. Nuclear Regulatory Commission
101 Marietta Street, N. W., Suite 2900
Atlanta, Georgia 30323

Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Management-on-Shift Weekly Report

Dear Dr. Grace:

Pursuant to the Nuclear Regulatory Commission Order dated October 19, 1987, the attached summary of Management-on-Shift (MOS) reports is submitted. The PS-N MOS Reports are also being submitted.

Should there be any questions on this information, please contact us.

Very truly yours,

W. F. Conway
Senior Vice President - Nuclear Energy

WFC/SDF/gs
attachment

cc: J. Lieberman, Director, Office of Enforcement, USNRC
Dr. G. E. Edison, Project Manager, NRR, USNRC
Senior Resident Inspector, USNRC, Turkey Point Plant
R. E. Tallon, President, FPL

Original to: Region 2

A036
1/1

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MANAGEMENT ON SHIFT (MOS)

WEEKLY SUMMARY REPORT

WEEK STARTING: May 30, 1988

Four MOS Observers were on shift. Gregg M. Smith, Westinghouse Electric Corporation (05/30-06/05/88, days); Russell Gouldy, PE, Principal Engineer-Nuclear Licensing, Juno Beach, (05/30-06/06/88, evenings); Bahram A. Abrishami, Turkey Point Nuclear Plant Test Code Performance Supervisor, (05/30-06/04/88, evenings) and Daniel E. Meils, Turkey Point Chemistry Supervisor, (06/04-06/88, evenings).

Unit 3 operated at 100% power for the majority of the reporting period, decreasing power to 40% for Turbine valve testing and then returning to 100% power.

Unit 4 operated at 100% power throughout the reporting period.

No immediate safety problems were identified by the MOS Observers during the reporting period.

One questionable work practice concerning clearly communicating to Operations the extent of maintenance that had been performed on a safety-related component was identified by the MOS Observers.

During the reporting period, the MOS Observers noted eight recommendations and areas for improvement. These comments and suggestions involved:

Two comments were made concerning procedural clarifications dealing with restrictions on power escalations and STA duties under Control Room inaccessibility conditions.

Two conditions concerned persons suspected of sleeping. A valve watch on Unit 4 for valve CV-4-2201 was identified by shift personnel to the Plant Supervisor-Nuclear (PSN). The PSN took prompt corrective actions to relieve the valve watch, replace him with an alert watchstander and notify plant management. The PSN verified that the justification for continued operation (JCO) for Unit 4 was not exceeded with no valve watch in place. The valve watch was a procedural requirement to provide additional operating margin within the requirements of the JCO. A contract cleaner in the Administrative Building was also identified. The cleaning supervisor was notified and the plant's break policy was communicated to the supervisor and the person involved. Plant management has reissued it's policy on employee alertness to all personnel.

ATTACHMENT: MOS DAILY REPORTS

MANAGEMENT ON SHIFT (MOS)

WEEKLY SUMMARY REPORT

WEEK STARTING: May 30, 1988

Three miscellaneous comments were made concerning coordinating the priorities of PWO's on related components, informing Control Room personnel regarding modifications to be made to the Control Room, and the use of extension cords in the plant.

During the reporting period the Plant Supervisor-Nuclear (PSN) MOS reporting program continued.

The PSN's identified seven questionable work practices. These concerns dealt with control of "F" series keys, problems dealing with installation of a radiation monitor power supply, communication of maintenance conducted on safety-related components, suspected sleeping by a remote valve watch, use of FM radios by security near sensitive plant process transmitters, the breaching of the Radiation Control Area (RCA) by a hose, and contract cleaners "playing" with the Control Room door.

The PSN's identified one area for improvement dealing with coordination of contractor performed maintenance work.

The issue concerning "F" series keys stems from the discovery of a normally locked open valve, (70-003) on the outlet of the main Emergency Diesel Generator Fuel Oil Storage Tank, locked closed. An investigation determined that a Chemistry Technician closed the valve during the performance of a monthly surveillance of fuel oil quality. FPL has formed a team to investigate root cause and propose corrective action. The following actions have been completed:

1. 70-003 was repositioned and the flowpath verified (completed 5/31/88).
2. Inadequate Core Cooling System (ICCS) series locks placed on 70-003 and several related valves (completed 5/31/88).
3. Meetings held with Chemistry personnel regarding pace of work (completed 6/06/88).
4. Decision was made to change all F-Series locks to two new series with strict key control. All flow path valves will be of one series controlled solely by Operations.
5. Determine procedure usage guidance for non-operations personnel and issue Training Information Bulletin (completed 6/06/88).

ATTACHMENT: MOS DAILY REPORTS

Four MOS Observers were on shift. Gregg M. Smith, Westinghouse Electric Corporation (05/30-06/05/88, days); Russell Gouldy, PE, Principle Engineer-Nuclear Licensing, Juno Beach, (05/30-06/06/88, evenings); Bahram A. Abrishami, Turkey Point Nuclear Plant Test Code Performance Supervisor, (05/30-06/04/88, evenings) and Daniel E. Meils, Turkey Point Chemistry Supervisor, (06/04-06/88, evenings).

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Two comments were made concerning procedural clarifications dealing with restrictions on power escalations and STA duties under Control Room inaccessibility conditions.

Two conditions concerned persons suspected of sleeping; a valve watch and contract cleaner.

Three miscellaneous comments were made concerning coordinating the priorities of PWO's on related components, informing Control Room personnel regarding modifications to be made to the Control Room, and the use of extension cords in the plant.

During the reporting period the Plant Supervisor-Nuclear (PSN) MOS reporting program continued.

The PSN's identified seven questionable work practices. These concerns dealt with control of "F" series keys, problems dealing with installation of a radiation monitor power supply, communication of maintenance conducted on safety-related components, suspected sleeping by a remote valve watch, the breaching of the Radiation Control Area (RCA) by a hose, and contract cleaners "playing" with the Control Room door.

The PSN's identified one area for improvement dealing with coordination of contractor performed maintenance work.

0-ADM-019	Management on Shift (MOS) MOS DAILY REPORT	Page 1

To: Operations Superintendent - Nuclear Date: 05/30/88

From: Gregg M. Smith *(MOS Observer)* Shift: ☒ Day ☐ Night

A. Plant evolutions observed

- Shift turnovers, (days and peaks)
- Procedure OP-1604.1, Section 8, Rod Control Exercise (Unit 4)
- Purge of Unit 4 Volume Control Tank
- Filling of Unit 4, A and C Accumulators
- Tour of Unit 3 and 4 Secondary Plants

B. Immediate safety problems

None observed

C. Questionable work practices

None observed

D. Areas for improvement

None for today

E. Professionalism, Summary of Shift, Comments

No unprofessional behavior observed. Very quiet day!

Completed By: Gregg M. Smith *MOS Observer* Date: 05/30/88

Reviewed By: [signature] *Operations Superintendent-Nuclear* Date: 5/31/88

Management Review By:

PM-N	Date	SVP	Date	VP	Date
[signature]	5/31/88	[signature]	5/31/88	[signature]	05/30/88

0-ADM-019	Management on Shift (MOS) MOS DAILY REPORT	Page 1

To: Operations Superintendent - Nuclear Date: 05/30-31/88

From: Russell Gouldy *(MOS Observer)* Shift: ☐ Day ☒ Night

A. Plant evolutions observed

° Dual unit, 100% power operations

B. Immediate safety problems

None

C. Questionable work practices

None

D. Areas for improvement

None

E. Professionalism, Summary of Shift, Comments

Dual unit, 100% power operation with 1/2 of the night with heavy rains.

Completed By: Russell Gouldy *MOS Observer* Date: 05/30-31/88

Reviewed By: *[signature]* *Operations Superintendent- Nuclear* Date: 5/31/88

Management Review By:

PMN	Date	SVP	Date	VP	Date
[signature]	5/31/88	*[signature]*	5/31/88		

05/30-31/88

0-ADM-019	Management on Shift (MOS) MOS DAILY REPORT	Page 1

To: Operations Superintendent - Nuclear Date: 05/30-31/88

From: Bahram A. Abrishami *(MOS Observer)* Shift: ☐ Day ☒ Night

A. Plant evolutions observed

- Procedure 4-OSP-64, section 7.1, Accumulator fill
- 4A Intake Cooling Water/Component Cooling Water (ICW/CCW) Heat Exchanger cleaning
- 3A ICW/CCW Basket Strainer cleaning
- Procedure 3-OP-019, ICW/CCW Basket Strainer backwash
- Tour of: Auxiliary Building, Units 3 and 4 Component Cooling Water Room, Units 3 and 4 Containment Spray Pumps Room, Units 3 and 4 Feedwater Pumps, Auxiliary Feedwater Pump Room

B. Immediate safety problems

None

C. Questionable work practices

None

D. Areas for Improvement

During the observation of cleaning 4A Component Cooling Water Heat Exchanger, it was noticed that some extension cords were left on the floor where water tends to collect during this cleaning evolution. Extension cords were unplugged and Maintenance Department was notified to remove them from the area. It is recommended that all unnecessary extension cords be removed from the area before starting the cleaning activity.

E. Professionalism, Summary of Shift, Comments

The communication among the operators during the strainer backwash was clear and professional. It was obvious that this evolution was very well coordinated.

Completed By: B. Abrishami *MOS Observer* Date: 05/30-31/88

Reviewed By: *Operations Superintendent- Nuclear* Date: 5/31/88

Management Review By:

PM-N	Date	SVP	Date	VP	Date
	5/31/88		5/31/88		

05/30-31/88

Date Started 05/30/88	**PSN MOS**	Date Finished 05/30/88

Initiating PSN Harpel PSN _____ Completed PSN Harpel

Initiating APSN Hollinger/Anderson APSN _____ Completed APSN Anderson

A. **Questionable Work Practices/Actions Taken/Recommendations**

None

B. **Areas for Improvement/Recommendations/Actions Taken**

None

C. **Good Practices/Professionalism Observed**

None

Reviewed By [signature] Date 5/31/88 Actions Completed _____ Date _____

Date Started 05/30/88	**PSN MOS**	Date Finished 05/30/88

Initiating PSN Anderson PSN _____ Completed PSN Anderson

Initiating APSN Reese APSN _____ Completed APSN Reese

A. Questionable Work Practices/Actions Taken/Recommendations

None

B. Areas for Improvement/Recommendations/Actions Taken

None

C. Good Practices/Professionslism Observed

None

Reviewed By [signature] Date 5/31/88 Actions Completed _____ Date _____

Date Started 05/30/88	**PSN MOS**	Date Finished 05/30/88

Initiating PSN Jones PSN _____ Completed PSN Jones

Initiating APSN Haley APSN _____ Completed APSN Haley

A. **Questionable Work Practices/Actions Taken/Recommendations**

None

B. **Areas for Improvement/Recommendations/Actions Taken**

None

C. **Good Practices/Professionalism Observed**

None

Reviewed By [signature] Date 5/31/88 Actions Completed _____ Date _____

Date Started 05/31/88	**PSN MOS**	Date Finished 05/31/88

Initiating PSN Harpel PSN _____ Completed PSN Harpel

Initiating APSN Anderson APSN _____ Completed APSN Anderson

A. **Questionable Work Practices/Actions Taken/Recommendations**

None

B. **Areas for Improvement/Recommendations/Actions Taken**

None

C. **Good Practices/Professionalism Observed**

None

Reviewed By [signature] Date 5/31/88 Actions Completed _____ Date _____

9-ADM-019	Management on Shift (MOS) MOS DAILY REPORT	Page 1

To: Operations Superintendent - Nuclear Date: 05/31/88

From: Gregg M. Smith *(MOS Observer)* Shift: ☒ Day ☐ Night

A. Plant evolutions observed

- Shift turnover (days and peaks)
- 100% operation, Units 3 and 4
- Manual Calorimetric, Unit 3

B. Immediate safety problems

None observed

C. Questionable work practices

None observed

D. Areas for improvement

None at this time

E. Professionalism, Summary of Shift, Comments

The peak shift APSN and PSN reacted in a very professional and competent manner upon discovering a misaligned valve in the fuel oil transfer system for the diesel generators. They quickly determined the proper required position of the valves, ordered the valve to be positioned and initiated an investigation. They promptly notified upper management and checked Technical Specifications and reporting requirements for guidance. Additionally they ordered a system lineup verification for the diesels to ensure the system was lined up for proper operation.

I & C made a good effort to verify PWO's and ensure they were in the computer for the Control Room.

Completed By: Gregg M. Smith *MOS Observer* Date: 05/31/88

Reviewed By: L.W. Pearce *Operations Superintendent-Nuclear* Date: 6/1/88

Management Review By: C J B 6/1/88 / SVP Date / VP Date

0-ADM-019	Management on Shift (MOS) MOS DAILY REPORT	Page 1

To: Operations Superintendent - Nuclear Date: 05/31-06/01/88

From: Russell Gouldy *(MOS Observer)* Shift: ☐ Day ☒ Night

A. Plant evolutions observed

- Dual Unit Operations
- Unit 3, load reduction for Turbine Valve testing
- Turbine Valve testing
- Operators recovery from two transients

B. Immediate safety problems

None

C. Questionable work practices

None

D. Areas for improvement

None

E. Professionalism, Summary of Shift, Comments

1. During the power ascension, after the Turbine Valve testing on Unit 3, the 3B Heater Drain pump tripped following the start of a second condensate pump. No alarms or indicators of the heater drain pump occurred. The unit operator and PSN quickly recognized the trip breaker light indication of a breaker trip, and responded. Troubleshooting still on-going after this shift was over.
2. Unit 4 Feedwater Heater Bypass Valve (CV-2011) failed open. Unit operator quickly recognized the indication, stabilized the unit, a loss of about 20 MWe occurred, and then started recovery actions by notifying shift supervision and I & C.

Both transients showed good teamwork that has been developed on this shift.

Completed By: Russell Gouldy *MOS Observer* Date: 05/31-06/01/88

Reviewed By: *Operations Superintendent- Nuclear* Date: 6/1/88

Management

0 ADM-019	Management on Shift (MOS) MOS DAILY REPORT	Page 1

To: Operations Superintendent - Nuclear Date: 05/31-06/01/88

From: Bahram A. Abrishami *(MOS Observer)* Shift: ☐ Day ☒ Night

A. **Plant evolutions observed**

- 3-OP-010, Circulating Water System
- 3-OSP-089, Main Turbine Valve Operability Test
- 3AS and 3AN Condenser Amertap screen backwash
- Tour of Intake Cooling Water pumps, Emergency Diesel Generators, and Auxiliary Feedwater Pumps
- Shift briefing

B. **Immediate safety problems**

None

C. **Questionable work practices**

None

D. **Areas for improvement**

None

E. **Professionalism, Summary of Shift, Comments**

Procedures were being used and thoroughly followed.

At approximately 0430 hours (June 1) Feedwater Bypass Valve CV-4-2011 failed in the open position causing a reduction of 20 MWe in unit generation. The operator was impressively alert and recognized the cause almost immediately. Plant Work Order was submitted to resolve the problem.

Teamwork among operators was readily apparent.

Completed By: Bahram A. Abrishami *MOS Observer* Date: 05/31-06/01/88

Reviewed By: *Operations Superintendent- Nuclear* Date: 6/1/88

Date Started 05/31/88	PSN MOS	Date Finished 05/31/88

Initiating PSN Jones PSN _____ Completed PSN Jones

Initiating APSN Haley APSN _____ Completed APSN Haley

A. Questionable Work practices/Actions Taken/Recommendations

Better controls are needed for issued "F" keys. A lot of locked valves use "F" keys. Personnel have "F" keys who are not operators. "F" keys are taken home by personnel

B. Areas for Improvement/Recommendations/Actions Taken

None

C. Good Practices/Professionalism Observed

Turbine Operator found a normally locked open valve locked closed. He immediately reported this to the PSN as he should have. The APSN and NWE took appropriate actions for system alignment, investigation initiation and reporting.

0-ADM-019	Management on Shift (MOS) MOS DAILY REPORT	Page 1

To: Operations Superintendent - Nuclear Date: 06/01/88

From: Gregg M. Smith *(MOS Observer)* Shift: ☒ Day ☐ Night

A. **Plant evolutions observed**

- Unit 3, power increase from approximately 53% to 78% in accordance with 3-GOP-301
- Unit 4, 100%
- Manual Calorimetric, Unit 3 in accordance with 3-OSP-059.5
- Flux Map, Unit 3 to verify position of Control Rod D-8 (Procedure EP-12404.1)

B. **Immediate safety problems**

None observed

C. **Questionable work practices**

None observed

D. **Areas for improvement**

There appears to be some question as to whether the restriction of 3 steps per hour (control rods) was applicable to the power decrease and subsequent power increase for turbine valve testing on 5/31 - 6/01.. The night shift RCO did not think it was and the day shift RCO did think it was. I recommend that the issue be clarified by Reactor Engineering and that position be made known to Operations.

I understand that the restrictions listed in the Reactor Engineering letter are being incorporated into a GOP. I recommend that until that is completed, that any restrictions in power changes or the rate they should be accomplished, etc., be disseminated to Operations by some effective method such as "Night Orders" to ensure the restrictions are adhered to by all.

E. **Professionalism, Summary of Shift, Comments**

Unit 3 RCO's, (days and peaks) did a very good job of controlling the power increase back towards 100% to ensure the rate restrictions of 3% per hour were adhered to.

Unit 3, (peaks) conducted a very good pre-evolution briefing with applicable personnel prior to conducting procedure 3-OSP-056.1 "Emergency Containment Filter Fans Operating Test".

Completed By: Gregg M. Smith *MOS Observer* Date: 06/01/88

Reviewed By: *Operations Superintendent-Nuclear* Date: 6/2/88

Management Review By: PM Date 6/2/88 SVP Date 6/2/88 VP Date 6/2/88

0-ADM-019	Management on Shift (MOS) MOS DAILY REPORT	Page 1

To: Operations Superintendent - Nuclear Date: 06/01-02/88

From: Russell Gouldy *(MOS Observer)* Shift: ☐ Day ☒ Night

A. **Plant evolutions observed**

° Dual Unit power operation

-Unit 3, return to 100% power and stabilized
-Unit 4, load increase by manual isolation of Feedwater Heater Bypass (CV-2011) valve

B. **Immediate safety problems**

None

C. **Questionable work practices**

None

D. **Areas for improvement**

None

E. **Professionalism, Summary of Shift, Comments**

Two well run shifts

Completed By: Russell Gouldy *MOS Observer* Date: 06/01-02/88

Reviewed By: [illegible] *Operations Superintendent- Nuclear* Date: 6/2/88

Management: [illegible] 6/2/88

0-ADM-019	Management on Shift (MOS) MOS DAILY REPORT	Page 1

To: Operations Superintendent - Nuclear Date: 06/01/02/88

From: Bahram A. Abrishami *(MOS Observer)* Shift: ☐ Day ☒ Night

A. **Plant evolutions observed**

- Conduct of Temp. Procedure 398, Emergency Containment Cooler Periodic Test
- Conduct of OSP-074.3, "A" Standby Steam Generator Feedwater Pump test
- Plant tour:
  - Auxiliary Building, Unit 3 and 4 charging pump rooms, Units 3 and 4 Containment Spray pump room, Boric Acid Transfer pump room, Hot fan room, High Head Safety Injection room, and Rad Waste building.

B. **Immediate safety problems**

None

C. **Questionable work practices**

The detail of maintenance work on 4A Intake Cooling Water pump completed during mid shift on 6/01/88 was not communicated to the Control Room. This could have caused placing a safety related component in service, after maintenance work, without performing the proper operability test. The maintenance supervision needs to clearly communicate the detail of maintenance work to the Control Room in order to assure no component is placed in service without completion of all necessary post maintenance tests.

D. **Areas for improvement**

See C above.

E. **Professionalism, Summary of Shift, Comments**

Unit 3, increase of power to 100% went smooth and without problems.

CV-4-2011 which had failed open earlier was isolated. An increase of approximately 30 MW was experienced on Unit 4 after isolation of CV-4-2011. The repair of the valve would take place when the necessary part is recived on site.

Completed By: Bahram A. Abrishami *MOS Observer* Date: 06/01-02/88

Reviewed By: _____ *Operations Superintendent- Nuclear* Date: 6/1

Management: _____

Date Started 6/02/88	**PSN MOS**	Date Finished 6/02/88

Initiating PSN Wogan PSN _____ Completed PSN Wogan

Initiating APSN Singer APSN _____ Completed APSN Singer

A. Questionable Work Practices/Actions Taken/Recommendations

1. On 6/01/88, when the card readers were out-of-service, Security guards were observed transmitting on FM radios within the caution areas on Unit 4. They were asked to stop and observe cautions.
2. On mid shift, 6/01/88, the Electrical Department informed Operations that 4A Intake Cooling Water pump lift had not been adjusted when in fact it had been reset. This could have led to a missed surveillance on an Inservice Test pump, and exceeding a (Technical Specification) Limiting Condition for Operation on an operating unit.
3. At 2300 on 6/01/88 the contract cleaners were observed to be playing with the outside door of the Control Room. They could have broken the latch mechanism and were cautioned against doing this in the future.

B. Areas for Improvement/Recommendations/Actions Taken

All of the items in section A.

C. Good Practices/Professionalism Observed

Units 3 and 4 at 100% power with no adverse problems.

0-ADM-019	Management on Shift (MOS) MOS DAILY REPORT	Page 1

To: Operations Superintendent - Nuclear Date: 06/02/88

From: Gregg M. Smith *(MOS Observer)* Shift: ☒ Day ☐ Night

A. **Plant evolutions observed**

- 3-OSP-059.1, Source Range Analog Operational test
- 100% power, Steady State operations, Units 3 and 4
- Shift turnover (days)

B. **Immediate safety problems**

None observed

C. **Questionable work practices**

None observed

D. **Areas for improvement**

None at this time

E. **Professionalism, Summary of Shift, Comments**

No unprofessional behavior observed

Completed By: Gregg M. Smith *MOS Observer* Date: 06/02/88

Reviewed By: *Operations Superintendent- Nuclear* Date: 6/3/88

Management Review By:

PM-N *Date* 6/3/88 *SVP* *Date* 6/3/88 *VP* *Date* 6/3/88

06/02/88

0-ADM-019	Management on Shift (MOS) MOS DAILY REPORT	Page 1

To: Operations Superintendent - Nuclear Date: 06/02-03/88

From: Russell Gouldy *(MOS Observer)* Shift: ☐ Day ☒ Night

A. Plant evolutions observed

- Dual unit, 100% power operation

B. Immediate safety problems

None

C. Questionable work practices

None

D. Areas for improvement

At approximately 1:30 A.M., the Unit 4 Turbine Operator notified the PSN that the Unit 4 Turbine Plant Cooling Water valve watch (for CV 2201) was suspected of sleeping. PSN and Watch Engineer promptly relieved him of duty after counseling. Operations supervision was notified.

This matter was then considered closed.

It was my opinion that the PSN/NWE handled this situation in an appropriate professional manner.

E. Professionalism, Summary of Shift, Comments

The night shift general comment (Operations and Maintenance) was that valve watching or waiting for a design basis earthquake is a losing proposition.

Justifications for continued operation should include human performance requirements.

Completed By: Russell Gouldy *MOS Observer* Date: 06/02-03/88

Reviewed By: L.W. Pearce *Operations Superintendent-Nuclear* Date: 6/3/88

Management 6/3/88 6/3/88

0-ADM-019	Management on Shift (MOS) MOS DAILY REPORT	Page 1

To: Operations Superintendent - Nuclear Date: 06/02-03/88

From: Bahram A. Abrishami *(MOS Observer)* Shift: ☐ Day ☒ Night

A. **Plant evolutions observed**

- Activity under PWO 0575, Main Steam snubber, 3-1007
- Maintenance Procedure, 0707.33, snubber removal and replacement
- 3-OSP-92.7, Startup transformer test
- Plant tour:
  - Auxiliary Building, Units 3 and 4 pipe and valve rooms, Hot Chemistry lab, shops., Auxiliary Feedwater pump room, Units 3 and 4 4160 V Switchgear rooms, 480 V load centers, Cable Spreading Room

B. **Immediate safety problems**

None

C. **Questionable work practices**

None

D. **Areas for improvement**

The person assigned to the CV-4-2201 valve watch duty was suspected of being asleep on the job. Operation Supervisor was notified and the person was relieved of duty. New valve watch was established. Temporary Operating Procedure 440, "Component Cooling Water Heat Exchanger Monitoring Procedure", enclosure 2, was reviewed and determined that design basis heat removal capability was not violated.. The valve watch at the time of the incident was a procedural requirement.

Pearce Duty

The person assigned to CV-4-2201 valve watch duty should be changed periodically (maybe on hourly basis) to help prevent the incident indicated above from happening again. The present practice of checking the radio contact periodically should still continue.

The PSN handled the CV-4-2201 valve watch incident in a professional manner as expected.

E. Professionalism, Summary of Shift, Comments

The maintenance work package on the snubber work was being followed in a thorough and effective manner. The mid shift Mechanical Maintenance Supervisor was observed to place a lot of effort in assuring that the work was performed properly and as planned.

Completed By: Bahram A. Abrishami — *MOS Observer* Date: 06/02-03/88

Reviewed By: L.W. Pearce — *Operations Superintendent- Nuclear* Date: 6/3/88

Management Review By: PM-N 6/3/88 Date; SVP 6/3/88 Date; VP 6/3/88 Date

Da[illegible]arted 06/02/88	**PSN MOS**	Date Finished 06/02/88

nitiating PSN Jones PSN _____ Completed PSN Jones

nitiating APSN Haley APSN _____ Completed APSN Haley

A. Questionable Work Practices/Actions Taken/Recommendations

None

B. Areas for Improvement/Recommendations/Actions Taken

None

C. Good Practices/Professionalism Observed

None

Date Started 06/02/88	**PSN MOS**	Date Finished 06/03/88

Initiating PSN Wogan PSN _____ Completed PSN Wogan

Initiating APSN Singer APSN _____ Completed APSN Singer

A. Questionable Work Practices/Actions Taken/Recommendations

Unit 4, CV-2201 valve watch was suspected of sleeping and relieved of duty. Operations Supervisor was notified. New valve watch was established.

B. Areas for Improvement/Recommendations/Actions Taken

Engineering help to improve systems to the point of not relying on valve watches to perform design functions.

Concern addressed under item 88-1117

C. Good Practices/Profesionalism Observed

Units 3 and 4 maintained at 100% reactor power.

6/2/88

0-ADM-019	Management on Shift (MOS) MOS DAILY REPORT	Page 1

To: Operations Superintendent - Nuclear Date: 06/03/88

From: Gregg M. Smith *(MOS Observer)* Shift: ☒ Day ☐ Night

A. **Plant evolutions observed**

- 100% Steady State Power Operations
- Shift Turnover (Days)
- 4-OP-409, Reactor Trip Breaker Operation for Maintenance (section 7.1 and 7.3)
- 4-SMI-041.1-9, Reactor Coolant System Flow

B. **Immediate safety problems**

None observed

C. **Questionable work practices**

None observed

D. **Areas for improvement**

Based on Control Room floor markings and informal conversations with various plant personnel, dayshift and peak shift Control Room personnel (RCOs, APSNs, PSNs, etc.) have determined that some modifications are going to be performed to the RCO desk areas in the Control Room. They expressed concern about not knowing what modifications are going to be performed and how those modifications may affect their ability to carry out their Control Room duties. One of the day shift RCOs attempted to contact people involved with the modification to get information on the modification and to express some concerns. They were unsuccessful. It is recommended that the following items be considered and implemented prior to the modification being incorporated.

1. Control Room personnel to be informed about the modifications to be performed so they know what is to be done, why it is being done, and how they will be affected.
2. Solicit input regarding the modification from Control Room personnel.

The above recommendations are being made because I believe they will:

1. Lead to all or most Control Room personnel being happier because their input concerning something which directly affects them was solicited prior to the modification happening.
2. Potential new operation related problems resulting directly from the modification will be minimized because the Operations input was consulted.
3. It will help improve the teamwork between the various groups at Turkey Point which will lead to a safer, more efficient, and happier plant.

E. **Professionalism, Summary of Shift, Comments**

Day shift PSN did a very good job at reducing unnecessary noise and congestion in the Control Room during the day. At various times during the day because the maintenance being performed, there was considerable noise and people in the Control Room. The PSN addressd everyone in the Control room and told them to reduce the noise and if it was not essential for them to be there to accomplish maintenance, then leave.

Day shift PSN conducted an excellent prebriefing to all persons conducting procedure 4-OP-409, "Reactor Trip Breaker Operation for Maintenance" to ensure everyone was aware of the precautions and knew what had to be done.

Completed By: Gregg M. Smith
MOS Observer
Date: 06/03/88

Reviewed By: [signature]
Operations Superintendent- Nuclear
Date: 6/6/88

Management Review By: OPB 6/6/88 OPB 6/6/88 / VP / Date

0-ADM-019	Management on Shift (MOS) MOS DAILY REPORT	Page 1

To: Operations Superintendent - Nuclear Date: 06/03-04/88

From: Russell Gouldy *(MOS Observer)* Shift: ☐ Day ☒ Night

A. Plant evolutions observed

- Dual Unit power operation, 100% power operations

B. Immediate safety problems

None

C. Questionable work practices

None

D. Areas for improvement

While I was in the Administration Building, I found a contract cleaner in the janitor's closet lying on a bed made of mop heads and plastic bags. I contacted the cleaner foreman, Vincent Ray, and informed him of the cleaner who was suspected of sleeping. Ray stated that his crew was on break at this time. Ray was informed that his crew needed to follow plant policy during breaks and should take their breaks in break areas.

Plant management should re-issue policy statement on sleeping. This is the second night of reported suspected sleeping.

E. Professionalism, Summary of Shift, Comments

None

Completed By: Russell Gouldy *MOS Observer* Date: 06/03-04/88

Reviewed By: J.W. Pierce *Operations Superintendent- Nuclear* Date: 6/6/88

Management Review By: CMS 6/6/88 CMS 6/6/88

0-ADM-019	Management on Shift (MOS) MOS DAILY REPORT	Page 1

To: Operations Superintendent - Nuclear Date: 06/03-04/88

From: Bahram A. Abrishami *(MOS Observer)* Shift: ☐ Day ☒ Night

A. **Plant evolutions observed**

- 4B Intake Cooling Water (ICW)/Component Cooling Water (CCW) Strainer cleaning
- 3A CCW Heat Exchanger cleaning
- Furmanite work on 6B Feedwater Heater Non-return valve (Unit 3)
- Plant tour:
  Auxiliary Feedwater Pump room, Fire pumps,Units 3&4 Intake Cooling Water system, CV-3&4-2201 Valve Watch Stations, Unit 3&4 CCW pumps and heat exchangers, Technical Support Center, Security Shift Supervisor office, Mechanical Maintenance Shop and Auxiliary Building.

B. **Immediate safety problems**

None

C. **Questionable work practices**

None

D. **Areas for improvement**

The work on PWO WA881540931 (Zone 141, 480V Load Center entrance door) should be expidited in order to eliminate the need to have a Security Guard stationed at the door. There are two other PWOs, WA880540711 and WA880420719, on the same door which are awaiting parts for completion. These later PWOs do not have the same priority and could be completed upon receipt of the needed parts.

E. **Professionalism, Summary of Shift, Comments**

Quiet night, both Units 3 & 4 at 100% power. Major evolutions were cleaning the 3A CCW Heat Exchanger and the 4B ICW/CCW Strainers. These activities were coordinated effectively between Operations and Maintenance Departments.

Completed By: Bahram A. Abrishami *MOS Observer* Date: 06/03-04/88

Reviewed By: K.W. Pierce *Operations Superintendent- Nuclear* Date: 6/6/88

Management

Date Started 06/03/88	**PSN MOS**	Date Finished 06/03/88

Initiating PSN Salkeld PSN _____ Completed PSN Salkeld

Initiating APSN Guyer APSN _____ Completed APSN Guyer

A. **Questionable Work Practices/Actions Taken/Recomendations**

None

B. **Areas for Improvement/Recommendations/Actions Taken**

None

C. **Good Practices/Professionalism Observed**

None

Date Started 6/03/88	PSN MOS	Date Finished 6/03/88

Initiating PSN Jones PSN _____ Completed PSN Jones

Initiating APSN Haley APSN _____ Completed APSN Haley

A. Questionable Work Practices/Actions Taken/Recommendations

None

B. Areas for Improvement/Recommendations/Actions Taken

C. Good Practices/Professionalism Observed

0-ADM-019	Management on Shift (MOS) MOS DAILY REPORT	Page 1

To: Operations Superintendent - Nuclear Date: 06/04/88

From: Gregg M. Smith *(MOS Observer)* Shift: ☒ Day ☐ Night

A. **Plant evolutions observed**

- 100% Steady State Power Operations
- Off-Normal Procedure 1108.1, "Reactor Coolant Pump (RCP) Off-Normal Conditions"
- Shift Turnover (Days and Peaks)
- Event Response Team (ERT) meeting for 3A RCP
- Temporary Procedure 349

B. **Immediate safety problems**

None observed

C. **Questionable work practices**

None observed

D. **Areas for improvement**

None at this time.

E. **Professionalism, Summary of Shift, Comments**

Control Room Personnel responded very well to the erratic #1 seal leakoff flow for 3A RCP. The Off-Normal procedure (1108.1) was followed and the PSN initiated an ERT meeting to determine the proper follow actions once seal leakoff flow had been returned to its proper value.

Completed By: Gregg M. Smith *MOS Observer* Date: 06/04/88

Reviewed By: R.W. Pence *Operations Superintendent-Nuclear* Date: 6/6/88

Management Review By: CJB 6/6/88 *PM-N Date* CJB 6/6/88 *SVP Date* 1 06/04/88 *VP Date*

0-ADM-019	Management on Shift (MOS) MOS DAILY REPORT	Page 1

To: Operations Superintendent - Nuclear Date: 06/04-05/88

From: Russell Gouldy *(MOS Observer)* Shift: ☐ Day ☒ Night

A. **Plant evolutions observed**

- Dual Unit 100%-power operations

B. **Immediate safety problems**

None

C. **Questionable work practices**

None

D. **Areas for improvement**

Control Room Inaccessibility Procedure was reviewed and the Alternate Shutdown Panel on Unit 3 was examined. The procedure did not provide functions or directions for the STA.

Guidance for the STA should be provided.

E. **Professionalism, Summary of Shift, Comments**

Two well run shifts were observed.

Completed By: Russell Gouldy *MOS Observer* Date: 06/04-05/88

Reviewed By: D.W. Pace *Operations Superintendent- Nuclear* Date: 6/6/88

Management

0-ADM-019	Management on Shift (MOS) MOS DAILY REPORT	Page 1

To: Operations Superintendent - Nuclear   Date: 06/04-05/88

From: Daniel Meils (MOS Observer)   Shift: ☐ Day ☒ Night

A. Plant evolutions observed

- Steady State, dual unit 100% operations.
- Toured Secondaries, Intake, Water Treatment Plant, Auxiliary Building.
- Observed Shift Turnover, operator rounds, primary sample.

B. Immediate safety problems

None

C. Questionable work practices

None

D. Areas for improvement

None

E. Professionalism, Summary of Shift, Comments

Well run quiet shifts.

Completed By: Daniel Meils, *MOS Observer*   Date: 06/04-05/88

Reviewed By: L.W. Pearce (signature), *Operations Superintendent - Nuclear*   Date: 6/6/88

Management Review By: CB / 6/6/88   CB / 6/6/88   /

PM-N   Date   SVP   Date   VP   Date

Date Started 6/04/88	**PSN MOS**	Date Finished 6/04/88

Initiating PSN Wogan PSN _____ Completed PSN Wogan

Initiating APSN Singer APSN _____ Completed APSN Singer

A. Questionable Work Practices/Actions Taken/Recommendations

There is a blue hose breaching the Radiation Control Area (RCA) fence in the area of the Standby Steam Generator Feed pumps. It is running from the areas of the Unit 4 Equipment Hatch and Lube Oil Reservoir. This can potentially spread contamination to the secondary. The Health Physics Shift Supervisor has been notified and was going to post a notice to deny usage of the equipment until Health Physics is contacted.

Recommend any breaching of the RCA should be coordinated with Health Physics and the proper postings be established.

B. Areas for Improvement/Recommendations/Actions Taken

C. Good Practices/Professionalism Observed

Units 3 and 4 at 100% power.

Started 06/04/88	**PSN MOS**	Date Finished 06/04/88

Initiating PSN Salkeld PSN _____ Completed PSN Salkeld

Initiating APSN Guyer APSN _____ Completed APSN Guyer

A. Questionable Work Practices/Actions Taken/Recommendations

None

B. Areas for Improvement/Recommendations/Actions Taken

Mechanical Maintenance was not informed that the Hydroblaster representative was going to stop work after completion of the 3A Component Cooling Water/Intake Cooling Water (CCW/ICW) Heat Exchanger. Consequently they obtained a clearance and opened up the 4B CCW/ICW Heat Exchanger approximately 24 hours early thus extending the time in a Technical Specification Limiting Condition for Operation.

C. Good practices/Professionalism Observed

Yes

_____ _____ Date _____

0-ADM-019	Management on Shift (MOS) MOS DAILY REPORT	Page 1

To: Operations Superintendent - Nuclear Date: 06/05/88

From: Gregg M. Smith *(MOS Observer)* Shift: ☒ Day ☐ Night

A. **Plant evolutions observed**

- 100% Steady State Power Operations, Units 3 & 4
- 4-OP-064 Section 7.1, Makeup to Accumulator
- Shift Turnover (Days and Peaks)

B. **Immediate safety problems**

None observed

C. **Questionable work practices**

None observed

D. **Areas for improvement**

None at this time.

E. **Professionalism, Summary of Shift, Comments**

No unprofessional behavior observed.

Completed By: Gregg M. Smith *MOS Observer* Date: 06/05/88

Reviewed By: D.W. Pace *Operations Superintendent-Nuclear* Date: 6/6/88

Management Review By: CJB 16/6/88 *PM-N* *Date* CJB 16/6/88 *SVP* *Date* ____ *VP* *Date*

0-ADM-019	Management on Shift (MOS) MOS DAILY REPORT	Page 1

To: Operations Superintendent - Nuclear Date: 06/05-06/88

From: Russell Gouldy *(MOS Observer)* Shift: ☐ Day ☒ Night

A. **Plant evolutions observed**

° Dual Unit 100% power operations

B. **Immediate safety problems**

None

C. **Questionable work practices**

None

D. **Areas for improvement**

None

E. **Professionalism, Summary of Shift, Comments**

Peak and mid shifts are wearing their "uniforms" and the quality of the shirts and pants has made this a positive item. Operations Supervisor made a good set of choices and provided the operators several choices of fabrics, which allowed them to choose.

This will have a very positive effect with time.

Completed By: Russell Gouldy *MOS Observer* Date: 06/04-05/88

Reviewed By: D.W. Pearce *Operations Superintendent- Nuclear* Date: 6/6/88

Management Review By: [illegible] 6/6/88 [illegible] 6/6/88

0-ADM-019	Management on Shift (MOS) MOS DAILY REPORT	Page 1

To: Operations Superintendent - Nuclear Date: 06/05-06/88

From: Daniel Meils *(MOS Observer)* Shift: ☐ Day ☒ Night

A. Plant evolutions observed

- Unit 3 and 4, 100% Power operations
- Tour, RCA, Auxiliary Building, Powerblock, WTP
- 30OSP-59.2
- Shift turnover

B. Immediate safety problems

None

C. Questionable work practices

None

D. Areas for improvement

None

E. Professionalism, Summary of Shift, Comments

Two well run quiet shifts.

Completed By: Daniel Meils *MOS Observer* Date: 06/04-05/88

Reviewed By: [signature] *Operations Superintendent- Nuclear* Date: 6/6/88

Management [signature] 6/6/88 [signature] 6/6/88

Date Started 06/05/88	**PSN MOS**	Date Finished 06/05/88

Initiating PSN Jones PSN _____ Completed PSN Jones

Initiating APSN Haley APSN _____ Completed APSN Haley

A. Questionable Work Practices/Actions Taken/Recommendations

None

B. Areas for Improvement/Recommendations/Actions Taken

None

C. Good Practices/Professionalism Observed

Reviewed By [signature] Date 6/6/88 Actions Completed _____ Date _____

Started 06/05/88	**PSN MOS**	Date Finished 06/06/88

Initiating PSN Wogan PSN _____ Completed PSN Wogan

Initiating APSN Singer APSN _____ Completed APSN Singer

A. Questionable Work Practices/Actions Taken/Recommendations

Received Steamline Hi Differential and Steamline A Low Pressure to Safety Injection at 05:42:22, Channels 114 and 121. The security guard in the area of the Auxiliary feed MOV entrance admitted to keying his FM radio. This is the second MOS item on this same problem within a week. Reference MOS on 6/02/88.

B. Areas for Improvement/Recommendations/Actions Taken

See above

C. Good Practices/professionalism Observed

Units 3 and 4 at 100% Reactor power.