

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8808030184	DOC.DATE: 88/07/20	NOTARIZED: NO	DOCKET #
FACIL:50-250 Turkey Point Plant, Unit 3, Florida Power and Light C			05000250
50-251 Turkey Point Plant, Unit 4, Florida Power and Light C			05000251
AUTH.NAME	AUTHOR AFFILIATION		
CONWAY,W.F.	Florida Power & Light Co.		
RECIP.NAME	RECIPIENT AFFILIATION		
GRACE,J.N.	Region 2, Ofc of the Director		

SUBJECT: Forwards summary of mgt-on-shift repts for wk starting 880708.

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TITLE: Turkey Point Management Onshift Program

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JULY 20 1988

L-88-310

38 JUL 22 PM 2:57

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

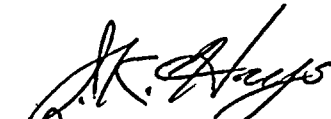
Re: Turkey Point Units 3 and 4  
Docket Nos. 50-250 and 50-251  
Management-on-Shift Weekly Report

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 Plant Supervisor-Nuclear Shift Reports are also being submitted.

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

Very truly yours,

  
for W. F. Conway

Senior Vice President - Nuclear

WFC/SDF/gp

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

mos001

8808030184 880720  
PDR ADOCK 05000250  
R PDC

PEOPLE...SERVING PEOPLE

0036  
11  
JUL 26

## MANAGEMENT ON SHIFT (MOS)

### WEEKLY SUMARY REPORT

WEEK STARTING: 07/08/88

PAGE 1 OF 2

Seven MOS Observers were on shift, Peter L. Walker, Westinghouse Electric Corporation (07/08-11/88, days); Andrew P. Drake, Westinghouse Electric Corporation (07/08-11/88, nights); J. M. Mowbray, Turkey Point Nuclear Plant Lead Mechanical Engineer, (07/08/88, night); John Zudans, Principal Engineer, Plant Support, Juno Beach (07/11-15/88, days); Craig D. Bersak, Westinghouse Electric Corporation (07/11-15/88, nights); Ron C. Sontag, Turkey Point INPO Coordinator (07/14-15/88, nights); Hank M. Hoffman, Assistant Electrical Maintenance Superintendent (07/09-13/88, nights).

Both Units 3 and 4 operated at 100% power for the duration of the reporting period.

No immediate safety problems or questionable work practices were noted during the reporting period.

During the reporting period, the MOS Observers noted sixteen recommendations, areas for improvement, and miscellaneous comments. These included:

- Two recommendations for improving the PWO procedures.
- Two comments on personnel not wearing hard hats where required.
- A recommendation to improve the Operators' round sheets.
- Two comments on housekeeping.
- Two comments on Operator overtime.
- A suggestion to label breakers which are normally racked out.
- A repeat item on Post Accident Sampling System procedures and related training.
- A suggestion to add more pressure indicators to the Auxiliary Feedwater Nitrogen System.
- Two comments about the size of the Plan of the Day, and another about the chemists' attendance at the midshift briefing.

ATTACHMENT: MOS DAILY REPORTS

8808030184

## MANAGEMENT ON SHIFT (MOS)

### WEEKLY SUMARY REPORT

WEEK STARTING: 07/08/88

PAGE 2 OF 2

- A concern about loose bolts on a recently repaired drain valve.
- A concern regarding chains and reach rods on Component Cooling Water valves.

During the reporting period, the Plant Supervisor-Nuclear (PSN) MOS reporting program continued. Two questionable work practices were noted. One involved the manipulation of a Condensate Recovery System valve by a Fire Watch Patrol. (Plant Management was informed immediately, MOS was used to highlight incident and provide a recommendation to preclude recurrence). The second concerned the lack of immediate response to a PSN request to have lagging removed from a leaking pipe weld.

Additionally, the PSNs noted two comments and two areas for improvement. Both comments concerned housekeeping. The two suggestions dealt with the need for a Hold tag or an Information tag on out-of-service equipment which will not be released for an extended period of time, and the need to keep the diesel-driven instrument air compressors loaded sufficiently to minimize cycling of the turbochargers.

Date 07/08/88

# Shift Report

Shift \_\_\_\_\_ Day \_\_\_\_\_

Shift Management  
Wogan/Jones APSN Guyer

*Weekly*  
NWE

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

None

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

None

**C. Good Practices/Professionalism Observed**

Normal operations

Reviewed By *L. Pearce* Date *7/11/88* Actions Completed \_\_\_\_\_ Date \_\_\_\_\_

Date 07/08/88

# Shift Report

Shift Peak

## Shift Management

Jones

APSN

Guyer/Singer

NWE

Matuszewski

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

None

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

None

**C. Good Practices/Professionalism Observed**

Routine operations

Reviewed By L.W. Peace Date 7/11/88 Actions Completed \_\_\_\_\_ Date \_\_\_\_\_

To: Operations Superintendent - Nuclear

Date: 07/08/88

From: P. L. Walker  
(MOS Observer)Shift: ☒ Day  
☐ Night

## A. Plant Evolutions Observed

- Units 3 and 4, 100% power steady state operations
- Attended 7:20 morning meeting
- Witnessed 3:30 shift turnover

## B. Immediate Safety Problems

None

## C. Questionable Work Practices

None

## D. Areas for Improvement

None

## E. Professionalism, Summary of Shift, Comments

Productive shift.

Completed By: P. L. Walker  
MOS Observer

Date: 07/08/88

Reviewed By: P. L. Walker  
Operations Superintendent - Nuclear

Date: 7/11/88

Management  
Review By:P. L. Walker 17/11/88  
PM-N Date SVP[Signature] 17/11/88  
Date VP[Signature] 17/11/88  
Date

To: Operations Superintendent - Nuclear

Date: 07/08-09/88

From: Andrew P. Drake  
(MOS Observer)Shift: ☐ Day  
☒ Night

## A. Plant Evolutions Observed

- Units 3 and 4 at 100% power
- Mid to peak shift turnover
- Peak shift meeting
- Normal operations/logs/surveillance

## B. Immediate Safety Problems

None observed

## C. Questionable Work Practices

None observed

## D. Areas for Improvement

No comment

## E. Professionalism, Summary of Shift, Comments

No comment

Completed By: Andrew P. Drake  
MOS Observer

Date: 07/08-09/88

Reviewed By: *A.W. Pearce*  
Operations Superintendent - Nuclear

Date: 7/11/88

Management  
view By:*J. Cross* 1 7/11/88 *VP* 1 7/11/88 *VP* 1 7/11/88  
PM-N Date SVP Date VP Date

07/08-09/88



## MOS DAILY REPORT

To: Operations Superintendent - Nuclear

Date: 07/08-09/88

From: J. Michael Mowbray  
(MOS Observer)Shift: ☐ Day  
☒ Night

## A. Plant Evolutions Observed

- Normal Control Room Operations/surveillances - both units at 100% power
- Peak to mids turnover and shift briefing

## B. Immediate Safety Problems

None

## C. Questionable Work Practices

None

## D. Areas for Improvement

None

## E. Professionalism, Summary of Shift, Comments

No comment

Completed By: J. Michael Mowbray  
MOS Observer

Date: 07/08-09/88

Reviewed By: L.W. Pearce  
Operations Superintendent - Nuclear

Date: 7/11/88

Management  
Review By:

PM-N Date 7/11/88 SVP Date 7/11/88 VP Date 7/11/88

07/08-09/88

Date 07/09/88

# Shift Report

Shift \_\_\_\_\_ Day \_\_\_\_\_

## Shift Management

Wogan/Jones APSN

Guyer

NWE

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

A fire watch patrol closed 3-70-056 (Condensate Recovery System) approximately 1 turn using a valve wrench. (This valve normally open).

Action taken:

Fire watch patrol was escorted off site.

Fire watch patrol was questioned. Computer print out of all areas fire watch patrol (Monroe Porter) had entered. Commenced walkdowns of all systems in these areas. Recommend that fire watch supervisor emphasize to all fire watch personnel the importance of not manipulating any equipment while performing their duties.

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

None

### C. Good Practices/Professionalism Observed

Routine operations

Reviewed By Lu Pearce Date 7/16/88 Actions Completed \_\_\_\_\_ Date \_\_\_\_\_

Date 07/09/88

# Shift Report

Shift \_\_\_\_\_ Peak \_\_\_\_\_

## Shift Management

Jones/Wogan

APSN

Guyer/Singer

NWE

A. Questionable Work Practices/Actions Taken/Recommendations

None

B. Areas for Improvement/Recommendations/Actions Taken

None

C. Good Practices/Professionalism Observed

Routine operations

Reviewed By

*LW Pearce*

Date

*7/11/88*

Actions Completed

Date

To: Operations Superintendent - Nuclear

Date: 07/09/88

From: P. L. Walker  
(MOS Observer)Shift: ☒ Day  
☐ Night

## A. Plant Evolutions Observed

- 100% operations, both units
- Witnessed 7:30 and 3:30 shift turnover meetings
- Randy Hart phoned in a nonconformance response to an NRC bulletin
- A Firewatch person was observed by a security guard to be tampering with a valve. The person was escorted out of the security area and an investigation was started.

## B. Immediate Safety Problems

None

## C. Questionable Work Practices

None

## D. Areas for Improvement

None

## E. Professionalism, Summary of Shift, Comments

The staff did an excellent job in responding to the valve tampering incident. They are to be commended for taking the steps required to both notify supervision and ensuring that all of the systems that could have been tampered with were walked down and inspected. Since the affected system was not safety related, it was not reportable.

Completed By: P. L. Walker  
MOS Observer

Date: 07/09/88

Reviewed By: L. W. Pearce  
Operations Superintendent - Nuclear

Date: 7/11/88

Management  
Review By:

PM-N 12/11/88 Date SVP 12/11/88 Date VP 12/11/88 Date



## MOS DAILY REPORT

Operations Superintendent - Nuclear

Date: 07/09-10/88

From: Andrew P. Drake  
(MOS Observer)Shift: ☐ Day  
☒ Night

## A. Plant Evolutions Observed

- Units 3 and 4 at 100% power
- Peak to mid turnover
- Mid shift briefing
- Repairs on Unit 4 Feedwater control valve positioner (FCV-4-498)
- Normal operations/logs/surveillances

## B. Immediate Safety Problems

None

## C. Questionable Work Practices

None observed

## D. Areas for Improvement

No comments

## E. Professionalism, Summary of Shift, Comments

No comments

Completed By: Andrew P. Drake  
MOS Observer

Date: 07/09-10/88

Reviewed By: *J. W. Pearson*  
Operations Superintendent - Nuclear

Date: 7/11/88

Management  
Review By:

<i>J. W. Pearson</i>	1 7/11/88	<i>VP</i>	1 7/11/88	<i>J. W. Pearson</i>	1 7/11/88
PM-N	Date	SVP	Date	VP	Date

07/09-10/88

Operations Superintendent - Nuclear

Date: 07/09-10/88

From: H. M. Hoffman  
(MOS Observer)Shift: ☐ Day  
☒ Night

## A. Plant Evolutions Observed

- Control Room operations
- Electrical and Mechanical Maintenance shift turnover
- Peak to mid shift turnover in the Control room
- Toured Battery rooms, 4160 V switchgear rooms, 480 B L.C. rooms, cranking diesels, intake area

## B. Immediate Safety Problems

None observed

## C. Questionable Work Practices

None observed

## D. Areas for Improvement

Observed PSN reviewing/approving PWOs. Two improvements which would help him and Maintenance are:

1. He gets repeat requests to cancel (approve cancellation of) PWOs, in part because he can't explain why he refuses to cancel. Nuclear Jobs Planning System (NJPS) should permit him a line or two for explanation. This would key the Maintenance Department as to why a PWO is not being cancelled.
2. When duplicate PWOs are in NJPS, a request to cancel one is initiated by the appropriate Maintenance Department. Often the PWO asked to be cancelled is the one which has a green tag associated with it. This means cancelling one green tag and initiating another. Before requesting a PWO to be cancelled because it's a duplicate, the appropriate department should also ensure green tags are straightened out.

## E. Professionalism, Summary of Shift, Comments

Professionalism was satisfactory.

Completed By: H. M. Hoffman  
MOS Observer

Date: 07/09-10/88

Reviewed By: *L.W. Preece*  
Operations Superintendent - NuclearDate: 7/11/88Management  
Review By:

*J. E. Cross* 1 7/11/88 *VP* 1 7/14/88 *VP* 1 7/11/88  
PM-N Date SVP Date VP Date  
07/09-10/88

Date 07/10/88

# Shift Report

Shift \_\_\_\_\_ Day \_\_\_\_\_

## Shift Management

Wogan/Jones APSN

Guyer

NWE

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

None

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

None

**C. Good Practices/Professionalism Observed**

Routine operations

Reviewed By L.W. Pearce Date 7/11/88 Actions Completed \_\_\_\_\_ Date \_\_\_\_\_



Date 07/10/88

# Shift Report

Shift Peak

## Shift Management

Jones

APSN

Guyer/Singer

NWE

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

None

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

None

**C. Good Practices/Professionalism Observed**

Routine operations

Reviewed By L.W. Pearce Date 7/10/88 Actions Completed \_\_\_\_\_ Date \_\_\_\_\_

To: Operations Superintendent - Nuclear

Date: 07/10/88

From: P. L. Walker  
(MOS Observer)Shift: ☒ Day  
☐ Night

## A. Plant Evolutions Observed

- Units 3 and 4, 100% power steady state operations

## B. Immediate Safety Problems

None

## C. Questionable Work Practices

None

## D. Areas for Improvement

None

## E. Professionalism, Summary of Shift, Comments

Quiet shift.

Completed By: P. L. Walker  
MOS Observer

Date: 07/10/88

Reviewed By: P. L. Walker  
Operations Superintendent - Nuclear

Date: 7/11/88

Management  
Review By:P. L. Walker 7/11/88 VP 7/11/88 VP 7/11/88  
PM-N Date SVP Date VP Date

07/10/88

Operations Superintendent - Nuclear

Date: 07/10-11/88

From: H. M. Hoffman  
(MOS Observer)Shift: ☐ Day  
☒ Night

## A. Plant Evolutions Observed

- Routine Control Room operation, both units at 100% power
- Peak to mid shift turnover
- Weekly battery maintenance
- Visually inspected switchgear rooms, cable spreading rooms, intake area and maintenance shops.

## B. Immediate Safety Problems

None

## C. Questionable Work Practices

None

## D. Areas for Improvement

Plan of the Day (P.O.D.) has become so thick with contingency work that Control Room really has no idea what contingency work might be expected on a given shift. I think an improved P.O.D. would contain only the jobs which are firmly planned for a given day. Contingency work would be any PWO which is in the "ready to work" status. This list is readily available to Control room or anyone else via NJPS.

The intent here is to give the Control Room a tool whereby they have a handle on exactly what is occurring on a given day or shift. And the P.O.D. would contain the core group of jobs.

## E. Professionalism, Summary of Shift, Comments

Professionalism was satisfactory.

Completed By: H. M. Hoffman  
MOS Observer

Date: 07/10-11/88

Reviewed By: R. W. Pounce  
Operations Superintendent - Nuclear

Date: 7/11/88

Management  
Review By:

K. Gross 1 7/11/88 SVP 1 7/11/88 VP 1 7/11/88  
PM-N Date Date Date Date  
07/10-11/88

To: Operations Superintendent - Nuclear

Date: 07/10-11/88

From: Andrew P. Drake  
(MOS Observer)Shift: ☐ Day  
☒ Night

## A. Plant Evolutions Observed

- Units 3 and 4 at 100% power
- Peak to mid turnover
- Mid shift briefing
- Normal operations/logs/surveillances

## B. Immediate Safety Problems

None observed

## C. Questionable Work Practices

None observed

## D. Areas for Improvement

1. Followup on MOS item 88-0739 (4/06/88). The ANPOs still do not understand the equipment on the Post Accident Sampling system panels C-280, 3C202-A, and 4C202-A in the Reactor Auxiliary Building. They have not received any instruction on these panels. A tag on each panel informs them to call the PSN if an alarm occurs, however, a flashing orange light was observed and they were not sure if that was an alarm light or not. A procedure needs to be written on these panels and a training brief put out explaining exactly what each indicator means and what the equipment does.
2. This past week the peak shift NWE has had to spend 3-4 hours each day scheduling overtime. Operations needs to evaluate the way overtime is scheduled and determine if a more efficient way can be used. The NWEs should be consulted with during the evaluation process.

3. Overtime requirements, for the seven day period I have observed, have been excessive. During the past 7 days there have been at least eleven (11) cases where AP-0103.2 guidelines had to be exceeded. These cases include:

- a. Two (2) RCOs greater than 24 hours in any 48 hour period.
- b. One (1) RCO greater than 14 consecutive days without 2 consecutive days off.
- c. Two (2) RCOs greater than 72 hours in any 7 day period.
- d. One (1) NWE greater than 72 hours in any 7 day period.
- e. Three (3) NLOs greater than 72 hours in any 7 day period.
- f. One (1) NLO greater than 24 hours in any 48 hour period.
- g. One (1) ANPO greater than 14 consecutive days without 2 consecutive days off.

Several reasons/conditions can be attributed to this past weeks overtime load:

- a. Lack of coordination with Operations when scheduling vacations. Without better coordination too many RCOs, ANPOs, etc. get scheduled at the same time for vacations.
- b. Rescheduling requal weeks without adequate notice. The operators try to schedule vacations around work and requal. When requal is not held as scheduled an operator must come off shift to attend requal that will be missed during vacation. With the tight operator conditions, just one RCO experiencing this change can require replacement for 2 weeks instead of one.
- c. Licensed operators not maintaining board qualifications. A program needs to be implemented to qualify personnel in the NAB who have licenses to assist during periods like this until sufficient new RCOs are licensed. If necessary they should be returned to shift work and assigned to a special shift.

E. Professionalism, Summary of Shift, Comments

No comment

Completed By: Andrew P. Drake  
MOS Observer

Date: 07/10-11/88

Reviewed By: L.W. Pearce  
Operations Superintendent- Nuclear

Date: 7/11/88

Management  
Review By:

J. Cross 7/11/88 PM-N Date SVP 17/11/88 Date VP 17/11/88 Date

07/10-11/88

Date 07/11/88

# Shift Report

Shift Mid/Day

## Shift Management

PSN Wogan APSN Singer/Guyer NWE Spence

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

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

Unit 3, in the area of the moisture separator reheaters, there is a lot of miscellaneous equipment that appears to be not in use. This equipment includes scaffolds, extension cords, test equipment, spools of wire, ladders, cases and boxes, and plastic sheet material. All this impedes access and limits audible troubleshooting. Could we get it removed if not in use?

**C. Good Practices/Professionalism Observed**

Security guard observing, challenging, and reporting unauthorized valve manipulation in a timely manner deserves a "job well done".

Reviewed By *G. Spence* Date 7/12/88 Actions Completed            Date

Date 07/11/88

# Shift Report

Shift \_\_\_\_\_ Day \_\_\_\_\_

## Shift Management

PS Wogan/Harpal APSN Guyer NWE Eddinger

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

None

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

None

**C. Good Practices/Professionalism Observed**

None

Reviewed By *S.W. Feltus* Date 7/12/88 Actions Completed \_\_\_\_\_ Date \_\_\_\_\_

Shift	Peak
-------	------

Schimkus      APSN      Murphy      NWE      Vetromile

Reviewed By L. W. Pearce Date 7/12/88 Actions Completed \_\_\_\_\_ Date \_\_\_\_\_



Date 07/12/88

# Shift Report

Shift Mid

## Shift Management

P Wogan APSN Singer NWE Spence

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

None

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

None

**C. Good Practices/Professionalism Observed**

Routine operations

Reviewed By L. W. Pearce Date 7/12/88 Actions Completed        Date

To: Operations Superintendent - Nuclear

Date: 07/11/88

From: John J. Zudans  
(MOS Observer)Shift: ☒ Day  
☐ Night

## A. Plant Evolutions Observed

- Both units at 100% power
- Plan of The Day meeting, 0715
- Tour of Turbine decks, Auxiliary Feedwater Backup Nitrogen stations, Radiation Control Area Auxiliary building
- Reviewed Equipment Out-of-Service log, unit clearance logs
- Component Cooling Water (CCW) pump test - (OP 3104.1 - 4A and 4B pumps)
- Day to peak shift briefing

## B. Immediate Safety Problems

None noted

## C. Questionable Work Practices

None noted

## D. Areas for Improvement

Regarding the CCW IST (0-OP-3104.1) it is recommended that:

1. The feasibility of replacing all chain and reach rod operated valve operators be investigated. During this test, a number of valve alignments required use of these type operators and without exception each valve was hard to manipulate requiring a number of Operations personnel to be occupied solely with this activity. One of the valves (4-835H) is in need of maintenance, which aggravated this situation. A second valve (4-787E) has had its reach rod removed for maintenance, requiring an On The Spot Change (OTSC) to perform the test. Perhaps additional maintenance activities could improve valve manipulation. In addition, PTN recently received a violation (IR.88-07) due to mispositioning of a CCW Heat Exchanger valve (4-371) partly attributed to valve binding. This valve is equipped with a chain operator.

2. The CCW test was extended due to limited availability of operators. It is recommended that clarification be provided with regard to IST personnel involvement in test set-up. It is recognized that valve manipulations should be fully controlled by Operations personnel, however, for certain IST tests it might be worthwhile, subject to union and safety considerations, to allow IST personnel to assist in test set up under the operators supervision.

E. Professionalism, Summary of Shift, Comments

All conduct in all respects very professional. Control Room operator morale is quite high and visible. Shift briefings are very complete and informative.

Completed By: John J. Zudans  
MOS Observer

Date: 07/11/88

Reviewed By: [Signature]  
Operations Superintendent- Nuclear

Date: 7/12/88

Management  
Review By:

[Signature] 17/12/88  
PM-N Date

SVP

[Signature] 17/12/88  
Date

[Signature] 17/12/88  
VP

[Signature] 17/12/88  
Date

07/11/88

Operations Superintendent - Nuclear

Date: 07/11-12/88

From: Craig D. Bersak  
(MOS Observer)Shift: ☐ Day  
☒ Night

## A. Plant Evolutions Observed

- Units 3 and 4, 100% power, steady state
- Shift turnover
- Shift meeting
- Plant tour, Secondary, Radiation Control Area (RCA), Intake

## B. Immediate Safety Problems

None

## C. Questionable Work Practices

None

## D. Areas for Improvement

None

## E. Professionalism, Summary of Shift, Comments

Good coordination and control of evolution to place 4-CV-1510A on clearance by mid shift.

Completed By: Craig D. Bersak  
MOS Observer

Date: 07/11-12/88

Reviewed By: J.W. Pearce  
Operations Superintendent - Nuclear

Date: 7/12/88

Management  
Review By:

PM-N 1 7/11/88 SVP 1 7/12/88 VP 1 7/12/88  
Date Date Date  
07/11-12/88

Operations Superintendent - Nuclear

Date: 07/11-12/88

From: H. M. Hoffman  
(MOS Observer)Shift: ☐ Day  
☒ Night

## A. Plant Evolutions Observed

- ° Units 3 and 4 at 100% power
- ° Unit 4, taking heater drain pump out-of-service to enable working on control valve

## B. Immediate Safety Problems

None

## C. Questionable Work Practices

None

## D. Areas for Improvement

None

## E. Professionalism, Summary of Shift, Comments

Satisfactory professionalism

## Comments:

Investigated Unit 3 backup group B pressurizer heaters. This group is maintaining the output of 211 KW, which is the same as two weeks ago when a concern was brought up by Operations. Unit 3 is running on control group and backup group B at this time. No response required.

Completed By: H. M. Hoffman  
MOS Observer

Date: 07/11-12/88

Reviewed By: *[Signature]*  
Operations Superintendent - Nuclear

Date: 7/12/88

Management  
Review By:

*[Signature]* 1 7/12/88 *[Signature]* 1 7/12/88 *[Signature]* 1 7/12/88  
PM-N Date SVP Date VP Date

07/11-12/88

Date 07/12/88

# Shift Report

Shift \_\_\_\_\_ Day \_\_\_\_\_

## Shift Management

PSN Wogan/Schimkus APSN Guyer NWE Eddinger

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

None

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

None

**C. Good Practices/Professionalism Observed**

Routine operations, good efforts by operators to complete a large number of tasks in a short period of time with limited staffing.

Reviewed By S. Pearce Date 7/13/88 Actions Completed \_\_\_\_\_ Date \_\_\_\_\_

Shift	Peak
-------	------

PSN Schlinkus APSN Murphy NWE Vetromile

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

None

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

None

### C. Good Practices/Professionalism Observed

I&C, Mechanical Maintenance gave excellent support to evaluate, and repair a loose coupling problem discovered on 3B Main Feedwater Regulating valve. The I&C Department supervisor immediately came to the plant and drove the evaluation and repair effort.

Reviewed By SW Pearce Date 7/13/88 Actions Completed \_\_\_\_\_ Date \_\_\_\_\_

Date <u>07/13/88</u>	<b>Shift Report</b>	Shift <u>Mid</u>
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PSN Harpel APSN Guyer NWE Matuszewski

A. Questionable Work Practices/Actions Taken/Recommendations

None

B. Areas for Improvement/Recommendations/Actions Taken

None

C. Good Practices/Professionalism Observed

Routine operations

Reviewed By *L. D. Pearce* Date 7/13/88 Actions Completed        Date





Operations Superintendent - Nuclear

Date: 07/12-13/88

From: H. M. Hoffman  
(MOS Observer)Shift: ☐ Day  
☒ Night

## A. Plant Evolutions Observed

- Units 3 and 4 at 100% power
- Peak - mid shift turnover
- Maintenance activities on #4 screen wash pump and CV 1510 A

## B. Immediate Safety Problems

None

## C. Questionable Work Practices

None

## D. Areas for Improvement

None

## E. Professionalism, Summary of Shift, Comments

Professionalism was satisfactory.

There was a concern on CV1510A regarding possible piping degradation. Valve was pulled and piping inspected. The problem was limited to the area of the socket weld itself. Piping was in good condition. No response required.

Completed By: H. M. Hoffman  
MOS Observer

Date: 07/12-13/88

Reviewed By: L. W. Pearce  
Operations Superintendent - Nuclear

Date: 7/13/88

Management Review By: *[Signature]* 7/13/88 *[Signature]* 7/13/88 *[Signature]* 7/13/88  
PM-N Date SVP Date VP Date

07/12-13/88

Operations Superintendent - Nuclear

Date: 07/12-13/88

From: Craig D. Bersak  
(MOS Observer)Shift: ☐ Day  
☒ Night

## A. Plant Evolutions Observed

- Units 3 and 4 at 100% steady state
- Shift Meeting
- Shift Turnover
- Plant Tour
- Routine Operations

## B. Immediate Safety Problems

None

## C. Questionable Work Practices

None

## D. Areas for improvement

None

## E. Professionalism, Summary of Shift, Comments

The PSN was very thorough and received timely and responsive support in troubleshooting problems with 3B Feedwater Regulating valve and 4-CV-1510 pipe degradation problems.

Completed By: Craig D. Bersak  
MOS Observer

Date: 07/12-13/88

Reviewed By: *L.W. Pearce*  
Operations Superintendent - Nuclear

Date: 7/13/88

Management  
Review By:

*Paul J. SEC* 7/13/88 *Paul J. TSO* 7/13/88 *VP* 7/13/88  
PM-N Date SVF Date VP Date

07/12-12/88

To: Operations Superintendent - Nuclear

Date: 07/12/88

From: John J. Zudans  
(MOS Observer)Shift: ☒ Day  
☐ Night

## A. Plant Evolutions Observed

- Both units at 100% power
- Plan of the Day meeting
- Walkdown with Senior Nuclear Plant Operator (SNPO) while he took daily logs
- Observed boric acid transfer pump test
- Walked down Emergency Diesel Generators (EDG)
- Observed Licensed Operator (LO) troubleshooting of breaker 31411

## B. Immediate Safety Problems

None noted

## C. Questionable Work Practices

None noted

## D. Areas for Improvement

Regarding SNPO daily log readings, the following comments and suggestions are provided:

1. SNPO daily logs are maintained per 0-OSP-201.2. There are inside and outside readings for each unit.
2. A number of acceptance criteria/remarks in these logs are either incorrect, not normally obtainable, or contradict other operating procedures. Examples of these discrepancies include:
  - P.44 - Radwaste monitor tank levels - acceptance criteria less than 90% - actual reading less than 95% (per OP-5163.4, step 8.9)
  - P.46 - for instrument/device 888A acceptance criteria should be SI pump "B" disch. instead of SI pump "C" disch.
  - P.39 & 40 - Unit 3/4 spent fuel pool level normal range in log is 56' - 10" to 58' - 0". 58' - 0" is above deck level (water on floor). See 3-OP-033.
  - P.40 - Unit 4 Spent Fuel Pool (SFP) lights - recording number of SFP lights seems unnecessary. in view of the original intent of recording this parameter. (I.A.E.A. cameras) - cameras no longer there.
  - P.36 - Gas House/Dewar area - Nitrogen bottle count - acceptance criteria 50 full bottles - unclear how to count when there are a number of full accumulator rack bottles in place as well as spares.
  - P.12 - Reactor Coolant Pump (RCP) seal water supply flow acceptable criteria 8-10 GPM actual normally 7.4 to 7.5. Wider acceptance criteria might be needed.

- P.12 - RCP bearing return flow - acceptance criteria 447 to 465 GPM. The acceptance criteria appears to be incorrect in that three flow paths, each required to be 155 GPM, converge at this point and when combined result in a flow of 465 GPM. The acceptance criteria gives a range allowing essentially no upper operating margin. Operators are therefore forced to operate outside the acceptance criteria and routinely make notations to support the out-of-spec. readings.
- P.13 - Auxiliary building monitor tank levels - acceptance criteria should be less than or equal to 90% versus less than 90%.
- P.13 - Concentrates holding tank level - this tank is no longer used and is empty, why are we recording a zero level?
- P.14 - Waste condensate tank levels - these tanks no longer used, why are the levels read?
- A number of those readings apply to both units.
- 3. Similar log sheet deficiencies appear to be applicable to Reactor Coolant Operator (RCO) and T.O. logs.
- 4. It is recommended that Procedure Upgrade Group walk down all operator logs and applicable procedures to assure that all required readings are applicable, acceptance criteria are acceptable and reflect actual plant operating conditions.
- 5. Other items discussed with SNPO include:
  - Need to repair water seepage from Unit 3 Component Cooling water (CCW) area into Unit 3 charging pump room. PWO written some time ago.
  - Need for SFP level measuring device. PSN says PC/M in place. Why PC/M instead of PWO?
  - Some frustration on part of SNPO to lack of action on request for corrective action.

## E. Professionalism, Summary of Shift, Comments

All personnel performed their tasks in a professional manner. During my walkdown with the SNPO, he pointed out a potential problem with a racked out, open 480 V breaker without tagging. This breaker was outside his area of responsibility, yet he felt the condition warranted notification. This type of effort should be commended.

Completed By: John J. Zudans  
MOS Observer

Date: 07/12-13/88

Reviewed By: *L.W. Pearce*  
Operations Superintendent - Nuclear

Date: 7/13/88

Management  
Review By:

*Paul J. SEC*, 7/13/88 *Paul J. SEC*, 7/13/88 *JCS*, 7/13/88  
PM-N Date SVP Date VP Date  
07/12-13/88

Date 07/13/88

# Shift Report

Shift \_\_\_\_\_ Day \_\_\_\_\_

## Shift Management

PSN Harpel/Schimku APSN Guyer NWE Eddinger

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

None

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

None

**C. Good Practices/Professionalism Observed**

Routine operations

Reviewed By *LD* Date 7/14/88 Actions Completed \_\_\_\_\_ Date \_\_\_\_\_

Date 07/13/88

# Shift Report

Shift Peak

## Shift Management

PSN Schimkus APSN Murphy NWE Vetromile

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

On 6-28-88 a PWO was submitted to work a suspected leak on CV-4-1510A piping. On 7-11-88 the onshift PSNs on all 3 shifts had verbal conversations with support personnel to remove the lagging from the pipe to allow investigation into the severity of this leak which had propagated. PSN logged one such conversation on 7-11-88 in PSN log. The lagging was finally removed on 7-12-88 dayshift approximately 24 hours after the first request was made. It appears that no immediate response to the PSNs requests were made, due to a preplanned work package on 6-29-88 which scheduled the job to be performed on 7-12-88. It also appears that possibly "we" as PSNs did not effectively convey our concerns that this line carries high energy/high pressure water in which catastrophic failure, could result in a severe personnel hazard similar to the Surry Power Station incident which killed 5 people.

#### Actions taken:

1. PSN held preshift briefing with operations and support personnel present. PSN conveyed message to all personnel that if a request is made to perform an evolution which is "NOT ON THE PLAN OF THE DAY", then the expectation should be met in an expeditious manner. If there is disagreement then this should be voiced however the overriding decision shall be made by the PSN.
2. PSN held a private meeting with Maintenance Supervisor (peak shift) and discussed our expectations of each other, especially in light of the subject material discussed in this report. We agreed that the word "WHY" should be used more often when PSNs request specific job tasks. This is not currently being practiced and causes some animosity amongst the foremen and Supervisors who feel that PSNs are exercising authority over their departments and department heads. This has created lack of feedback, lack of clear communication, and sometimes a total disregard for PSN immediate request on questionable items. We agreed to pass this information onto our immediate personnel.

#### Recommendations:

1. Have this subject material conveyed to all line management who deal with the onshift control room PSNs.
2. GEMS planners should have an education into plant systems which carry potential for personnel or plant safety hazards. When PWOs are generated on these systems an evaluation of the system condition should be performed as soon as possible to determine the condition is not a safety hazard. This means that the responsible department supervisor "GET OUT IN THE FIELD" and direct whatever activity to be done to be able to see visually if a safety hazard exists, i.e., strip lagging, open bolted doors, etc.

Reviewed By [Signature] Date 7/14/88 Actions Completed            Date





Date 07/13/88

# Shift Report

Page Peak

## Continuation Page

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

Was informed that the Diesel Instrument Air Compressors are not being run in a manner in which could prevent the HIGH MAINTENANCE consistently being required. The turbochargers frequently are not engaging as designed due to the method of running 2 compressors which causes one compressor to unload frequently. This causes engine cylinder wall glaze which leads to blowby and carbon build-up, i.e., eventually repair. Also a build-up of unburned fuel in the turbocharger could cause an unwanted fire hazard..

#### Recommendation:

Incorporate a means to ensure that turbocharger operation occurs even at the expense of dumping the residual air from compression process.

### C. Good Practices/Professionalism Observed

Routine operations.

I&C and Mechanical Maintenance did an excellent job in restoring CV-4-1510A back to operating status. The work performed was done in a professional, safe manner.

Shift Mid

## Shift Management

Harpel      APSN      Murphy/Singer      NWE Matuszewski

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

None

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

None

**Good Practices/Professionalism Observed**

None

Reviewed By J. W. Pedersen Date 7/14/88 Actions Completed \_\_\_\_\_ Date \_\_\_\_\_

To: Operations Superintendent - Nuclear

Date: 07/13/88

From: John J. Zudans  
(MOS Observer)Shift: ☒ Day  
☐ Night

## A. Plant Evolutions Observed

- Both units at 100% power
- Morning meeting
- Toured Unit 3 and 4 Feedwater platform
- Toured Radiation Control Area, Containment Hatch Area, Unit 4 Charging area
- Observed shift turnover (Day to Peak)
- Toured Intake Cooling Water, Raw Water Areas

## B. Immediate Safety Problems

None noted

## C. Questionable Work Practices

None noted

## D. Areas for Improvement

1. Raw water storage area continues to show conditions needing cleanup. Specifically fire pumps indicate rusting, Raw Water pumps also need cleanup and paint, and a number of valves are leaking and degrading. While these areas may belong to Units 1 and 2 methods to expedite repairs should be explored.
2. Control Room cleanup does not appear to be consistently good. While this issue has been raised a number of other times, corrective measures do not seem to be very prompt.
3. Recommend developing a labeling procedure (clearance or other) for racked out, open breakers. The clearance process seems to work well for active breakers, but for others the method of indicating condition is less well defined.

## E. Professionalism, Summary of Shift, Comments

Conduct continues to be outstanding. The shift was relatively uneventful.

Completed By: John J. Zudans  
MOS Observer

Date: 07/13/88

Reviewed By: *[Signature]*  
Operations Superintendent - Nuclear

Date: 7/14/88

Management  
Review By:*[Signature]* 7/14/88 *[Signature]* 7/14/88 *[Signature]* 7/14/88  
PM-N Date SVP Date VP Date

07/13/88

Operations Superintendent - Nuclear

Date: 07/13-14/88

From: H. M. Hoffman  
(MOS Observer)Shift: ☐ Day  
☒ Night

## A. Plant Evolutions Observed

- ° Both Units at 100% power
- ° Peak-Mids turnover
- ° Toured Battery Rooms, Switchgear Rooms, Cranking Diesels and Switchgear, Intake Area.

## B. Immediate Safety Problems

None

## C. Questionable Work Practices

None

## D. Areas for Improvement

None

## E. Professionalism, Summary of Shift, Comments

Professionalism satisfactory

One comment regarding large motor PMs which are frequently performed (The PMs are basically filter changeouts.). The watch engineers were having discussion last night that perhaps these PMs are done more frequently than necessary, and they do constitute quite a bit of operations time and in many cases entering LCOs. I investigated this by discussing with Chief Electricians on Peaks and Mids if the filter material was typically quite dirty and warranting change when the PMs were performed. They replied in the affirmative and were supportive of doing these PMs on the same frequencies as now scheduled. This is for information only and no response required.

Completed By: H. M. Hoffman  
MOS Observer

Date: 07/13-14/88

Reviewed By: J. W. P. P. P.  
Operations Superintendent - Nuclear

Date: 7/14/88

Management  
Review By:

PM-N 7/14/88 SVP 7/14/88 VP 7/14/88  
Date Date Date

07/13-14/88

Operations Superintendent - Nuclear

Date: 07/13-14/88

From: Craig D. Bersak

(MOS Observer)

Shift: ☐ Day  
☒ Night

## A. Plant Evolutions Observed

- Units 3 and 4, 100% power, steady state
- Shift turnover
- Shift meeting

## B. Immediate Safety Problems

None

## C. Questionable Work Practices

None

## D. Areas for Improvement

None

## E. Professionalism, Summary of Shift, Comments

Peak Shift NWE did an excellent job in planning, briefing and coordinating the restoration of 4-CV-1510A to service.

Completed By: Craig D. Bersak  
MOS Observer

Date: 07/13-14/88

Reviewed By: [Signature]  
Operations Superintendent - Nuclear

Date: 7/14/88

Management  
Review By:

[Signature] 17/14/88 [Signature] 17/14/88 [Signature] 17/14/88  
PM-N Date SVP Date VP Date

07/13-14/88

Date 07/14/88

# Shift Report

Shift Day

## Shift Management

PS Schimkus APSN Singer NWE Fernandez

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

None

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

None

**C. Good Practices/Professionalism Observed**

At 11:43 this morning, the Unit 4 SRCO and APSN saved Unit 4 from a 4C Steam Generator (S/G) hi-level reactor trip by their quick actions. The 4C main feed regulator failed wide open following replacement of the "Auto" indicator bulb on the console. The controller dropped into manual mode and was extremely sluggish in returning to normal demand as the RCO desperately took manual action to stop the increasing level on 4C S/G. The APSN seeing the rapid level increase immediately initiated maximum S/G blowdown on 4C S/G. The actions of these two individuals stopped and stabilized the problem. Good save!!!

Reviewed By *L. Pearce* Date 7/15/88 Actions Completed            Date

Date 07/14/88

# Shift Report

Shift Peak

## Shift Management

P Schimkus APSN Murphy NWE Spence

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

None

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

None

**C. Good Practices/Professionalism observed**

The Mechanical Maintenance Supervisor in charge of contract cleaning personnel gave total support to myself and the APSN following a conversation on 7/13/88 in which Control Room cleanliness was discussed. We requested 8 hour Control Room cleanings on the peak shift until all floors and rooms are clean. We requested that this be a continuous practice to maintain the professional appearance of this work place. Starting tonight it was apparent that we are getting excellent support for this task.

Reviewed By W. Pearce Date 7/15/88 Actions Completed        Date

07/15/88

# Shift Report

## Shift

Mid

## Shift Management

Harpel

**APSN**

**Murphy/Singer**

**NWE**

**Matuszewski**

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

None

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

None

### C. Good Practices/Professionalism Observed

## Routine operations

Reviewed By J. W. F. [Signature] Date 7/15/88 Actions Completed        Date       

Date \_\_\_\_\_

7/15/88

## Actions Completed

**Date** \_\_\_\_\_



To: Operations Superintendent - Nuclear

Date: 07/14/88

From: John J. Zudans  
(MOS Observer)Shift: ☒ Day  
☐ Night

## A. Plant Evolutions Observed

- Both units, 100% power
- Morning meeting and morning call
- Toured turbine decks/Auxiliary Feedwater backup nitrogen area
- Observed plant evolutions (Feedwater control valve anomaly)
- Observed clearance hanging procedure implementation

## B. Immediate Safety Problems

None noted

## C. Questionable Work Practices

None noted

## D. Areas for Improvement

1. Observed one contractor and one firewatch not wearing a hard hat in the turbine building. Reminded them of their need to wear this gear.
2. Observed that the bolts for the stuffing box retainer gland had come loose on the recently repaired drain valve near valve CV-4-1510A. PSN was informed immediately. Cause of the loosening should be determined to prevent recurrence.
3. PWO WA880321133 is hung on the Auxiliary Feedwater (AFW) backup nitrogen root valve downstream of the header regulating valve on Unit 4, station 4. It requests that a Pressure Indicator (PI) be installed to test pressure in this section of pipe. The PWO is not in NJPS. Suggest that the need for this PI be determined and a PC/M initiated if appropriate for all similar backup nitrogen locations. The other locations do not have similar PWOs.

## B. Professionalism, Summary of Shift, Comments

1. During the morning meeting the Plant Manager provided an excellent feedback report on the recent (7/13/88) enforcement conference with NRC. This type of input helps all personnel to understand the evolution of significant events at PTN as well as their seriousness and the corrective measures taken to prevent recurrence. In addition he explained his expectations with regard to personnel accountability, knowledge and understanding of work controls as well as measures that will soon be implemented to enhance this vital aspect of nuclear plant operation.
2. The APSN and RCO on Unit 4 should be commended for their knowledge and quick actions in recovering this unit while at 100% power, after the 4C feedwater control valve spuriously transferred from auto to manual mode and opened to 100% quickly raising the C generator level. Without the timely and accurate operator actions, this could have led to a unit trip, during a peak load period for the grid.

Completed By: John J. Zudans  
MOS ObserverDate: 07/14/88Reviewed By:   
Operations Superintendent - NuclearDate: 7/15/88Management  
Review By:

<u>PM-N</u>	<u>1</u>	<u>Date</u>	<u>SVP</u>	<u>7/15/88</u>	<u>1</u>	<u>Date</u>	<u>VP</u>	<u>1</u>	<u>Date</u>
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07/15/88

## MOS DAILY REPORT

Operations Superintendent - Nuclear

Date: 07/14-15/88

From: Craig D. Bersak

Shift: ☐ Day

(MOS Observer)

☒ Night

## A. Plant Evolutions Observed

- Units 3 and 4 at 100% power
- Shift turnover
- PSN tour of Radiation Control Area (RCA)
- Plant tours

## B. Immediate Safety Problems

None

## C. Questionable Work Practices

None

## D. Areas for Improvement

None

## E. Professionalism, Summary of Shift, Comments

Peak shift PSN and APSN have met with the Cleaning Supervisor and presented their expectations of what they want accomplished regarding Control Room cleaning routines. Additionally, the PSN had the operating shift provide him with memos of what areas within their watch stations needed attention. The Cleaning Supervisor appeared to be very responsive toward satisfying the PSN's requirements. Having the Cleaning Supervisor contact the PSN to determine if the operating crews have any special interest areas is a good practice that should be continued. (No response required).

Chemistry representation has been absent from the midshift meeting so far this week.

Completed By: Craig D. Bersak

Date: 07/14-15/88

MOS Observer

Reviewed By: 

Date: 7/15/88

Operations Superintendent - Nuclear

Management  
Review By:PM-N 1 Date 7/15/88 SVP 1 Date 7/15/88 VP 1 Date 7/15/88

07/14-15/88

To: Operations Superintendent - Nuclear

Date: 07/14-15/88

From: R. C. Sontag  
(MOS Observer)Shift: ☐ Day  
☒ Night

## A. Plant Evolutions Observed

- ° Control Room operations
- ° Plant tour
  - Intake
  - Secondary
  - Radiation Control Area (RCA)
  - Maintenance building

## B. Immediate Safety Problems

None

## C. Questionable Work Practices

None

## D. Areas for Improvement

1. Apparently the new firmer policy regarding hard hats and hearing protection is not being effectively communicated to all personnel. I observed a total of six people working in the plant who had removed their hard hats as follows:

Intake Area - Two helpers and two operators from units 1 and 2

Unit 3 Turbine Deck - Two electricians working on 3A Feedwater line penetration cooling fan motor.

With the exception of the 1 and 2 personnel all donned their hard hats when reminded. The 1 and 2 personnel left the area.

## E. Professionalism, Summary of Shift, Comments

Good job by Health Physics personnel of followup when my dosimeter drifted 40 mr during RCA tour. The check point recognized significance of dosimeter reading and a survey was initiated, retracing my steps to ensure no real exposure problem existed.

Completed By: R. C. Sontag  
MOS Observer

Date: 07/14-15/88

Reviewed By: L. W. Pearce  
Operations Superintendent- Nuclear

Date: 7/15/88

Management  
Review By:

PM-N

Date

SVP

Date

VP

Date

07/14-15/88