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 ERNST,M.L. Region 2, Ofc of the Director

SUBJECT: Forwards mgt-on-shift weekly rept for wk starting 890106.

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FPL

P.O. Box 14000, Juno Beach, FL 33408-0420

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JANUARY 18 1989

L-89-23

Mr. Malcolm L. Ernst
Acting Regional Administrator, Region II
U.S. Nuclear Regulatory Commission
101 Marietta Street, N. W., Suite 2900
Atlanta, Georgia 30323

Dear Mr. Ernst:

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

Pursuant to the Nuclear Regulatory Commission Order dated October 19, 1987, the attached summary of Management-on-Shift (MOS) reports is submitted. Plant Supervisor-Nuclear Shift Reports which identify areas for improvement 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

WFC/RHF/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

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MANAGEMENT ON SHIFT (MOS)

WEEKLY SUMARY REPORT

WEEK STARTING: January 6, 1989

PAGE 1 OF 1

Five MOS observers were on shift. D. R. Powell, Operating Experience Feedback Coordinator, Juno Beach (1/06-08/89, days); J. P. Sackschewsky, Westinghouse Electric Corporation (1/06-08/89, nights); J. P. Brannin, Senior Engineer, Nuclear Licensing, Juno Beach (1/09-11/89, days); S. G. Brain, Independent Safety Engineering Group, St. Lucie Plant (1/11-12/89, days); J. W. Patterson, Westinghouse Electric Corporation (1/09-13/89, nights).

Unit 3 entered mode 4 and unit 4 remained defueled during the reporting period. No immediate safety problems or questionable work practices were reported.

The independent observers noted two areas for improvement; one on procedure changes, and one on closing the charging pump room door.

The Plant Supervisors-Nuclear noted two areas for improvement; one on procedure changes, and one on coordination of preventive maintenance activities.

Date: 01/06/89

NSHIFT OVERSIGHT PROGRAM
DAILY REPORT

Page

1

David Powell

(Observer)

Shift: Day

A. Plant Evolutions Observed

- Unit 4 - mode 6 (defueled), unit 3 - mode 5
- Shift turnover/briefing
- Radiation Control Area (RCA)/steam plant tours
- SI pump; tests Inservice testing (IST)
- Various maintenance activities

B. Immediate Safety Problems

None

C. Questionable Work Practices

None

D. Areas for Improvement

None

E. Professionalism, Summary of Shift, Comments

Shift turnover/briefings conducted in a thorough and professional manner. A lot of work being performed in the plant.

Reviewed By:

P. W. Pearce
Operations Superintendent - Nuclear

Date:

1/8/89

Management
Review By:

PM-N

/ Date

SVP

/ Date

Date: 01/06-07/89

NSHIFT OVERSIGHT PROGRAM
DAILY REPORT

Page

1

Roy Sackschewsky
(Observer)

Shift: Night

A. Plant Evolutions Observed

- ° Unit 3 - mode 5, unit 4 - defueled
- ° Tours:
 - "B" Diesel Generator room
 - Turbine building
 - Unit 4 containment
 - Auxiliary building
 - Radiation Control Area (RCA)
- ° Observed:
 - Control room operations
 - Containment purge: 0-OP-053
 - Shift turnover: 2330

B. Immediate Safety Problems

None

C. Questionable Work Practices

None

D. Areas for Improvement

None

E. Professionalism , Summary of Shift, Comments

1. Control room operations were mostly routine. Support efforts concentrating on "B" DG and "B" RHR pump. Shift turnover was handled professionally with each group understanding expectations from the PSN.
2. AP-0103.32 "Reactor Cold Shutdown Conditions" contains OTSC the latest of which was approved over two months ago and has not been incorporated into the procedure.
(89-0050)

Reviewed By:

P. W. Pearce
Operations Superintendent - Nuclear

Date:

1/9/89

Management
Review By:

PM-N

Date

SVP

Date

Date 1/06-07/89

Shift Report

Shift Mide

Shift Management

PSN Schilmkus A'PSN Reese NWE Newton

A. Questionable Work Practices/Actions Taken/Recommendations

None

B. Areas for Improvement/Recommendations/Actions Taken

1. A recent change to OP-5163.2 (Waste Disposal-Liquid Releases) requires nuclear operators to stop liquid release manually at 10-15% level in the monitor tanks.

The monitor tank pumps auto-stop at 7% level. This change has caused an operating hardship requiring an operator to be present for this evolution-hindering their efforts to support other plant related evolutions.

Actions: Nuclear operator submitted PWOs - WA890106190028/WA890106190608 to have pump cut off setpoints changed to newly requested tank levels.

Recommend: Prior to changing procedures to incorporate manual actions, personnel should investigate situation and utilize automatic functions and their setpoints, requiring PWO to change setpoints.
(89-0052)

2. On 1/02/89/0200 the "B" EDG was taken out-of-service for the 18 month P.M. On 1/03/89/2000 (18 hours later) it was observed by the PSN on two separate tours that no work activity appeared to be in progress inside the "B" EDG room. The PSN questioned the MOS observer (R. Sackschewsky) if he had been in the room and what he observed. The MOS observer commented that for this being such a HOT job, it appeared the same as my observation. The PSN contacted the Plant Manager/Operations Superintendent and Planning-Scheduling Supervisor listing our observations of "B" EDG progress. The PSN recommended to allow EDG top end work to commence i.e., removal of engine covers, injector inspection, etc., which could parallel the "in progress" evolution of pumping down the engine crankcase. At 2200, the PSN toured work area again and found a flurry of activity. Our Maintenance Department was in the process of oil filter inspection/replacement, air start motor inspection and air box cover removal/cleaning.

On 1/04/89, a tech. rep. vendor arrived on site for technical guidance during disassembly and reassembly of "B" EDG. Work was on schedule. On 1/05/89, the PSN questioned the FPL Technical Department Lead System Engineer (EDG) as to what support could be provided to enhance multiple work paths on "B" EDG in addition to work already in progress on fuel, lube oil and water pumps (west end of diesel). Multiple work paths would have allowed engine bar over to inspect cylinder-piston clearances and also do cylinder liner/ring inspection.

The System Engineer informed the PSN that added activities would confuse the work effort already in progress. The PSN was also informed that the recommendations made to plant management on 1/03/89 (by PSN) caused confusion, hindering the work effort on that day.

Reviewed By Lu Pearce

Date 1/9/89

①

Continuation Page

Recommendation: It would be to the plants advantage to set up a multiple activity schedule during a planned EDG outage, which would far exceed the multiple activities currently followed. Some suggestions are:

- a. Set up a "clean tent" encompassing areas in which dirt or crud could enter engine components that cannot be exposed to dirt or grit.
- b. Allow our FPL maintenance force to perform disassembly functions (pull injectors, pull pumps, etc.) without having a vendor representative present.
- c. Provide a method of marked areas within the room to place disassembled equipment for vendor inspection i.e., mark each piece of equipment removed and place sequentially on tables/racks or floor.
- d. Set up a schedule that allows engine top work to progress while engine is being drained.
- e. Set up a faster method to pump down engine fluids to storage containers, i.e., a large volume gear type pump rather than the presently used Randolph pumps or small gear pumps.
- f. Utilize "work location" QC support to ensure all work controls followed and engine parts are stored properly for inspection.

These are only a few casual observations and recommendations. However, if our personnel become proficient in EDG maintenance, the plant may be able to break away from waiting for vendor support to start diesel maintenance, on any occasion. The probability of shorter diesel outages can be the end product.
(89-0053)

C. Good Practices/Professionalism Observed

Excellent job by the Mechanical Maintenance department to restore the 3B RHR pump over the past 24 hours.

(2)

Date: 1/07/89

NSHIFT OVERSIGHT PROGRAM
DAILY REPORT

Page

1

David Powell
(Observer)

Shift: Day

A. Plant Evolutions Observed

- Unit 3 - mode 5, Unit 4 - mode 6 (defueled)
- Shift turnovers/briefings
- Various maintenance activities
- RCA/plan: : : s

B. Immediate Safety Problems

None

C. Questionable Work Practices

None

D. Areas for Improvement

None

E. Professionalism, Summary of Shift, Comments

Shift turnovers/briefings were good. Maintenance activities were supported by operations personnel.

There was some confusion concerning a leak that occurred in the unit 3 RHR room and whether or not it was reportable.

Reviewed By:

L.W. Pearson
Operations Superintendent - Nuclear

Date:

1/9/89

Management
Review By:

KL 1/19/89 KL 1/19/89
PM-N Date SVP Date

ONSHIFT OVERSIGHT PROGRAM
DAILY REPORT

Page

1

Date: 1/07-08/89

Roy Sackschewsky
(Observer)

Shift: Night

A. Plant Evolutions Observed

- Unit 3 - mode 5, unit 4 - defueled
- Tours:
 - "B" BDG room
 - Intake structure
 - Turbine building
 - Auxiliary building
 - Unit 3 containment
 - RCA
- Observed:
 - Repair BDG (18 month P.M.)
 - 3-OSP-050.2 RHR pump inservice test
 - Control room operations
 - 2330 shift turnover

B. Immediate Safety Problems

None

C. Questionable Work Practices

None

D. Areas for Improvement

None

E. Professionalism, Summary of Shift, Comments

1. Most activities within the control room were routine. Observed analysis of data from RHR vent valve misalignment and leak rate determination.
2. During tour of RCA it was noted to HP that the charging room door, unit 3, was not being closed after entry by personnel.
(89-0051)
3. Shift turnover was again handled professionally and thoroughly. Work progressed through the shift in accordance with priorities established.

Reviewed By:

L.W. Pence
Operations Superintendent - Nuclear

Date:

1/9/89

Management
Review By:

J.C. 1/9/89 J.C. 1/9/89
PM-N Date SVP Date

Date: 1/08/89

NSHIFT OVERSIGHT PROGRAM
DAILY REPORT

Page

1

David Powell
(Observer)

Shift: Day

A. Plant Evolutions Observed

- Unit 3 - mode 5, unit 4 - mode 6 (defueled)
- RCA/Auxiliary building/turbine area tours
- Unit 4 containment tour
- Various maintenance activities

B. Immediate Safety Problems

None

C. Questionable Work Practices

None

D. Areas for Improvement

None

E. Professionalism, Summary of Shift, Comments

Good shift turnovers and briefings. Work proceeded on the diesel generator and 4 KV bus jobs. Quiet shift overall.

Reviewed By:

D. W. Powell
Operations Superintendent - Nuclear

Date:

1/9/89

(17)

Management
Review By:

JCC 1/19/89 *JCC* 1/19/89
PM-N Date SVP Date

Date: 1/08-09/89

ONSHIFT OVERSIGHT PROGRAM
DAILY REPORT

Page

1

Roy Sackschewsky

(Observer)

Shift: Night

A. Plant Evolutions Observed

- Unit 3 - mode 5, unit 4 - defueled
- Control room operations
- Re-energizing 4B bus
- 5 minutes test "B" diesel generator
- Tour:
 - RCA
 - Intake structures
 - Turbine building
 - Auxiliary building

B. Immediate Safety Problems

None

C. Questionable Work Practices

None

D. Areas for Improvement

None

E. Professionalism, Summary of Shift, Comments

1. Control room activities centered around preparations for 8 hour test of "B" diesel generator following 18 month P.M. The "4B" bus was returned to service. Care was taken to ensure each breaker was properly racked in and areas were cleared prior to closing in the breakers.
2. Unit 4 RCO, during peak shift, very alertly noted the sudden decrease in reactor vessel level indication (no alarm sounded) when a path was established from the level transmitter 6421 to the RCDT. He quickly alerted the NWE of the problem and began investigating the possible causes. The flow path was determined and isolated, requiring level indication.

Reviewed By:

R. W. Prince

Operations Superintendent- Nuclear

Date:

1/9/89

Management
Review By:

AEC
PM-N

1/9/89
Date

PC
SVP

1/9/89
Date

Date 1/08/89

Shift Report

Shift Mids

Shift Management

PSN Schimkus

APSN

NWE

A. QUESTIONABLE WORK PRACTICES/ACTIONS TAKEN/RECOMMENDATIONS

None

B. AREAS FOR IMPROVEMENT/RECOMMENDATIONS/ACTIONS TAKEN

The peakshift PSN questioned an I&C work practice to use 0-GMI-102.1 valve alignment verification sheet to close 4B Boric Acid Transfer pump (BATP) discharge pressure gauge isolation valve for gauge maintenance. This isolation valve was a boundary isolation valve as the boric acid pump was fully operational at the time maintenance commenced. After discussion with the I&C Department Supervisor he pointed out that I&C is utilizing ADM-715 (maintenance proc. usage) step 5.5.6 for situations such as these. He also informed that different NWE (ADM-715 caution) react to clearance hanging requirements for these situations in different ways. Some want a clearance and some feel I&Cs procedure is adequate.

Recommend: 0-GMI-102.1 page 22 valve alignment sheet should incorporate a NWE signoff verifying that valve to be manipulated is not a system boundary valve.

Action: Notify the I&C Shift Supervisor (Mike Willis) and he agreed, informing he will submit procedure change.

C. GOOD PRACTICES/PROFESSIONALISM OBSERVED

Routine operations

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Reviewed By SW Pearce Date 1/11/89

Date: 1/09/89

**ONSHIFT OVERSIGHT PROGRAM
DAILY REPORT**

Page

1

Joseph P. Brannin
(Observer)

Shift: Day

A. PLANT EVOLUTIONS OBSERVED

- Day to peak turnover and shift briefing
- Preparations and start of "B" EDG test
- Toured turbine building

B. IMMEDIATE SAFETY PROBLEMS

None observed

C. QUESTIONABLE WORK PRACTICES

None observed

D. AREAS FOR IMPROVEMENT

None apparent at present.

E. PROFESSIONALISM, SUMMARY OF SHIFT, COMMENTS

No unprofessional activity noted.

Good shift briefing.

Operations definitely leading tasks during the shifts observed.

Reviewed By:

J. W. P. [Signature]
Operations Superintendent - Nuclear

Date: 1/10/89

Management
Review By:

[Signature] 1/12/89 [Signature] 1/19/89
PM-N Date SVP Date

Date: 1/09-10/89

ONSHIFT OVERSIGHT PROGRAM
DAILY REPORT

Page

1

John Patterson

(Observer)

Shift: Night

A. PLANT EVOLUTIONS OBSERVED

- Unit 3 - mode 5, unit 4 - mode 6 (defueled)
- 2330 shift turnover/briefing
- Tour of unit 4 containment
- Tour of radiation controlled area (RCA)
- Tour of intake structure
- 3-OSP-059.4, Power Range Nuclear Instrument Analog Channel Operational test
- OP 4304.3 "B" Emergency Diesel Generator - 8 hour Full Load Test and Load Rejection
- Assembly of 865 C (unit 4 containment)

B. IMMEDIATE SAFETY PROBLEMS

None

C. QUESTIONABLE WORK PRACTICES

None

D. AREAS FOR IMPROVEMENT

None

E. PROFESSIONALISM, SUMMARY OF SHIFT, COMMENTS

The control room team took positive steps to restore communications with the NRC following a loss of all telephone communications. Radio transmissions were made to division who in turn relayed the information to the NRC duty officer. Later, cellular phone communication was established with the NRC from the control room.

Reviewed By:

[Signature]
Operations Superintendent - Nuclear

Date:

1/16/89

Management
Review By:

[Signature] 1/10/89 *[Signature]* 1/18/89
PM-N Date SVR Date

Date: 1/10/89

**NSHIFT OVERSIGHT PROGRAM
DAILY REPORT**

Page

1

Joseph P. Brannin
(Observer)

Shift: Day

A. PLANT EVOLUTIONS OBSERVED

- "B" Emergency Diesel Generator "EDG" load rejection test
- Days to peaks shift turnover and briefing
- Test run of "3A" Intake Cooling water (ICW) pump
- Control room handling loss of communications

B. IMMEDIATE SAFETY PROBLEMS

None observed

C. QUESTIONABLE WORK PRACTICES

None observed

D. AREAS FOR IMPROVEMENT

None noted

E. PROFESSIONALISM, SUMMARY OF SHIFT, COMMENTS

No unprofessional behavior noted.

Reviewed By:

JW Preece
Operations Superintendent - Nuclear

Date:

1/11/89

Management
Review By:

JC 1/11/89 *PO* 1/11/89
M-N Date SVP Date

Date: 1/10-11/89

NSHIFT OVERSIGHT PROGRAM
DAILY REPORT

Page

1

John Patterson

(Observer)

Shift: Night

A. PLANT EVOLUTIONS OBSERVED

- Unit 3 - mode 5, unit 4 - defueled
- 2330 shift turnover/briefing
- Tour of intake structure/test run of Intake Cooling Water (ICW) pump "3A"
- Tour of unit 4 containment
- Requalification simulator training

B. IMMEDIATE SAFETY PROBLEMS

None

C. QUESTIONABLE WORK PRACTICES

None

D. AREAS FOR IMPROVEMENT

None

E. PROFESSIONALISM, SUMMARY OF SHIFT, COMMENTS

Routine shift operations

Reviewed By:

S. W. Pearce
Operations Superintendent - Nuclear

Date:

1/11/89

Management
Review By:

JEC 1/11/89 *JPO* 1/11/89
PM-N Date SVP Date

Date: 1/11/89

SHIFT OVERSIGHT PROGRAM
DAILY REPORT

Page

1

Joseph P. Brannin

(Observer)

Shift: Day

A. PLANT EVOLUTIONS OBSERVED

- ° Days to peaks shift turnover and briefing
- ° Preparations for mode change

B. IMMEDIATE SAFETY PROBLEMS

None

C. QUESTIONABLE WORK PRACTICES

None

D. AREAS FOR IMPROVEMENT

None

E. PROFESSIONALISM, SUMMARY OF SHIFT, COMMENTS

No unprofessional behavior observed.

Reviewed By:

J. W. Paine

Operations Superintendent - Nuclear

Date:

1/12/89

Management
Review By:

MC
HM-N

1/12/89
Date

SVP

1
Date

Date: 1/11-12/89

NSHIFT OVERSIGHT PROGRAM
DAILY REPORT

Page

1

John Patterson
(Observer)

Shift: Night

A. PLANT EVOLUTIONS OBSERVED

- Unit 3 - mode 4, unit 4 - defueled
- 2330 shift turnover/briefing
- Tour of intake structure
- Tour of unit 4 containment
- Plant heatup to 340° F
- 3-OSP-041.1 Startup of Reactor Coolant Pump 3A
- 0-OSP-074.3 Standby Steam Generator Feedwater Pumps Availability Test

B. IMMEDIATE SAFETY PROBLEMS

None

C. QUESTIONABLE WORK PRACTICES

None

D. AREAS FOR IMPROVEMENT

None

E. PROFESSIONALISM, SUMMARY OF SHIFT, COMMENTS

The heatup to 340° F was conducted in deliberate, controlled manner.

Reviewed By:

[Signature]
Operations Superintendent- Nuclear

Date:

1/12/89

Management
Review By:

MC *1/12/89* *1*
PM-N Date SVP Date

Date: 1/12/89

ONSHIFT OVERSIGHT PROGRAM
DAILY REPORT

Page

1

Sidney Brain

(Observer)

Shift:

Day

A. PLANT EVOLUTIONS OBSERVED

- Unit 4 - defueled
- Unit 3 - mode 4 - held at approximately 340° F
- Toured unit 3 turbine building
- Tour intake area
- Toured radiation controlled area
- Control room operations
- Spent Fuel Pool (SFP) inlet and exhaust damper operability test in accordance with 4-OSP-034.1

B. IMMEDIATE SAFETY PROBLEMS

None

C. QUESTIONABLE WORK PRACTICES

None

D. AREAS FOR IMPROVEMENT

None

E. PROFESSIONALISM, SUMMARY OF SHIFT, COMMENTS

Routine control room operations.

Heatup on hold for repair of 3A residual heat removal pump flange leak.

Reviewed By:

S. P. Price
Operations Superintendent - Nuclear

Date: 1/13/89

Management
Review By:

PM-N 1/13/89 SVP 1/13/89
Date Date

Date: 1/12-13/89

ONSHIFT OVERSIGHT PROGRAM
DAILY REPORT

Page

1

John Patterson

(Observer)

Shift:

Night

A. PLANT EVOLUTIONS OBSERVED

- Unit 3 - mode 4, unit 4 - defueled
- 2330 shift turnover/briefing
- Tour of intake structure
- Tour of radiation controlled area (RCA)
- Tour of unit 4 containment
- 3A residual heat removal (RHR) pump repair
- Fill and vent of unit 4 RHR system

B. IMMEDIATE SAFETY PROBLEMS

None

C. QUESTIONABLE WORK PRACTICES

None

D. AREAS FOR IMPROVEMENT

None

E. PROFESSIONALISM, SUMMARY OF SHIFT, COMMENTS

The various maintenance organizations and plant support groups (including QC) performed yeoman service on the repair of the 3A RHR pump. Much of the work was performed wearing respirators and rain suits including torquing the pump.

Reviewed By:

Jim Pearce
Operations Superintendent - Nuclear

Date:

1/13/89

Management
Review By:

JEC
PM-N

1/13/89
Date

MD
SVP

1/13/89
Date

(2)

