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Date: 2/20/04 1:39PM
Subject: Davis-Besse Restart Performance Indicators for February 15, 2004

(See attached file: Perf_Pkg_02_15_04.pdf)

Attached are the Davis-Besse Nuclear Power Station Restart Performance Indicators for February 15, 2004.

Please call me if you have any questions.

Thank you,

Kathy
419-321-8214

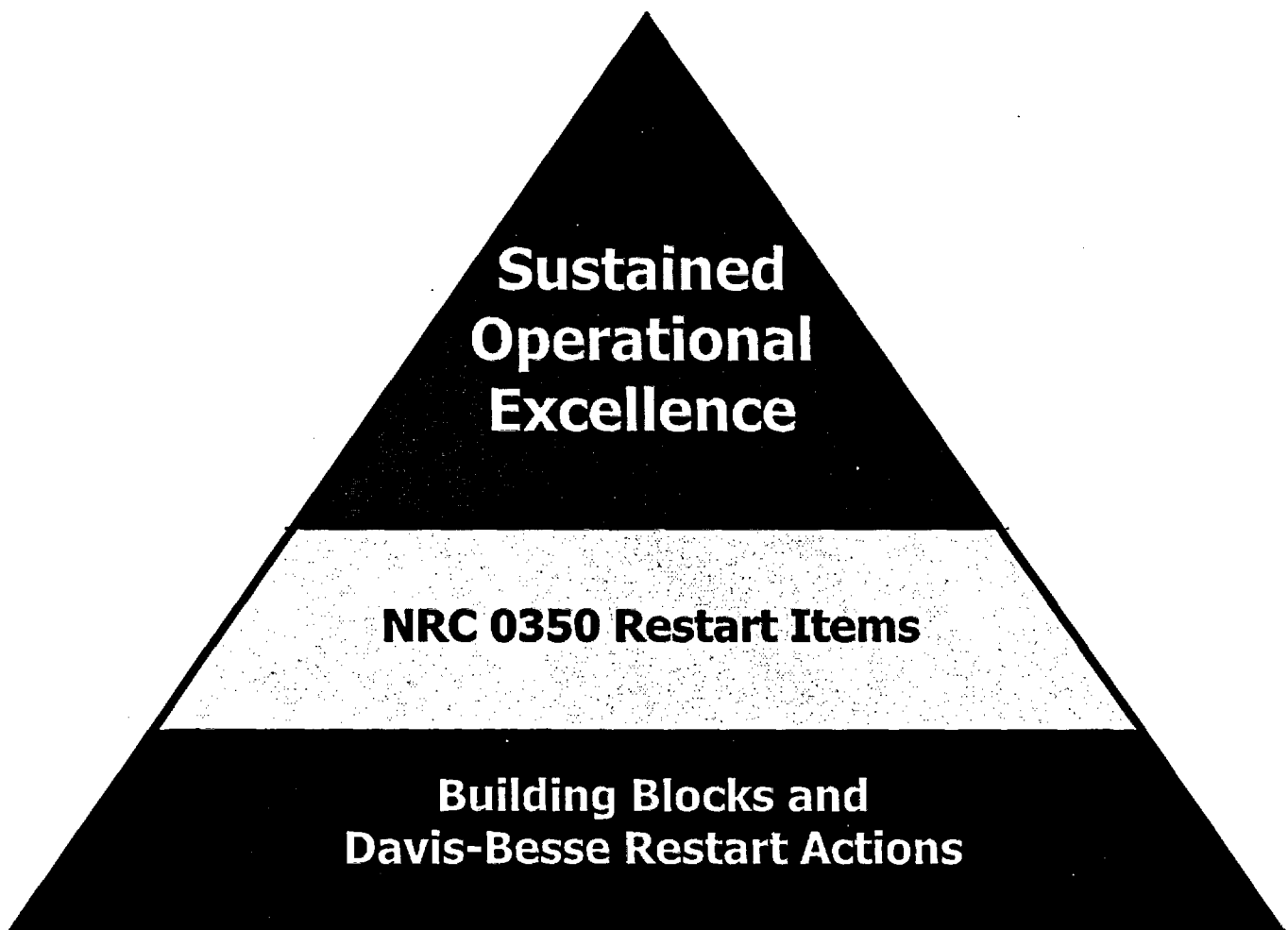
(See attached file: Perf_Pkg_02_15_04.pdf)

B-20

Davis-Besse Nuclear Power Station

***Restart Performance
Indicators***

February 15, 2004



FOR INFORMATION ONLY

Davis-Besse Nuclear Power Station

Restart Performance Indicators

Distribution:

FENOC Executives:

G. R. Leidich	A-GO-19
L. W. Myers	DB 3086
J. Hagan	A-GO-14
M. Bezilla	DB 3080
F. von Ahn	A-GO-14
J. R. Fast	A-GO-14

Davis-Besse Management:

B. Allen	DB 2101
R. W. Schrauder	DB 3086
J. J. Powers	DB 3105
M. J. Stevens	DB 1025
C. A. Price	DB 3310
M. J. Ross	DB 2103

External Distribution:

C. A. Lipa, NRC Region III Chief, Branch 4	
C. S. Thomas, NRC Resident Inspector	DB 4000

ROP Members

FOR INFORMATION ONLY

Restart Performance Indicators

Notes for Week ending February 15, 2004:

- **No significant changed for this week**

Davis-Besse Nuclear Power Station Restart Performance Indicators

BUILDING BLOCK & NRC 0350 RESTART ACTIONS

Performance Indicator	Owner	Goal at Startup	Current Status
Reactor Vessel Head Resolution			
<i>(Indicators complete and no longer in the package)</i>			
- Reactor Vessel Head Replacement Project	Dave Baker	Project Scope Complete	Complete
- Licensing Issues Resolution	Kevin Ostrowski	Zero to Complete	Complete
Containment Health Assurance			
<i>(Indicators complete and no longer in the package)</i>			
- EOC Re-Inspections	Tim Chambers	Zero to Complete	Complete
- Containment Focus Areas	Tim Chambers	Complete Restart Actions	Complete
- Open Containment Health Restart CR Evaluations	Tim Chambers	Zero to Complete	Complete
- Open Containment Health Restart CAs	Tim Chambers	Zero to Complete	Complete
System Health Assurance			
<i>(Indicators complete and no longer in the package)</i>			
- System Readiness Reviews	Bob Hovland	Zero to Complete	Complete
- Latent Issues Reviews	Bob Hovland	Specified 5 Complete	Complete
- BA Systems Outside CTMT - Inspections	Bob Hovland	Zero to Complete	Complete
- Open Sys. Health Assurance Restart CR Evaluations	Jim Powers	Zero to Complete	Complete
- Open System Health Assurance Restart CAs	Jim Powers	Zero to Complete	Complete
Program Compliance			
<i>(Indicators complete and no longer in the package)</i>			
- Phase 1 Program Reviews	Allen McAllister	Zero to Complete	Complete
- Phase 2 Program Reviews	Allen McAllister	Specified 7 Complete	Complete
- Open Program Compliance Restart CR Evaluations	Jim Powers	Zero to Complete	Complete
- Open Program Compliance Restart CAs	Jim Powers	Zero to Complete	Complete
Management & Human Performance			
<i>(Indicators complete and no longer in the package)</i>			
- Management & Human Performance Restart Plan	Mark Bezilla	Zero Milestones to Complete	Complete
Restart Test Plan			
<i>(Indicators complete and no longer in the package)</i>			
- Restart Test Plan	Tony Stallard	Zero Restart Tests to Complete	Complete
Restart Action Plan			
- Total Open Restart CR Evaluations	Clark Price	Zero to Complete	1
- Total Open Restart Corrective Actions	Clark Price	Zero to Complete	10

Davis-Besse Nuclear Power Station Restart Performance Indicators

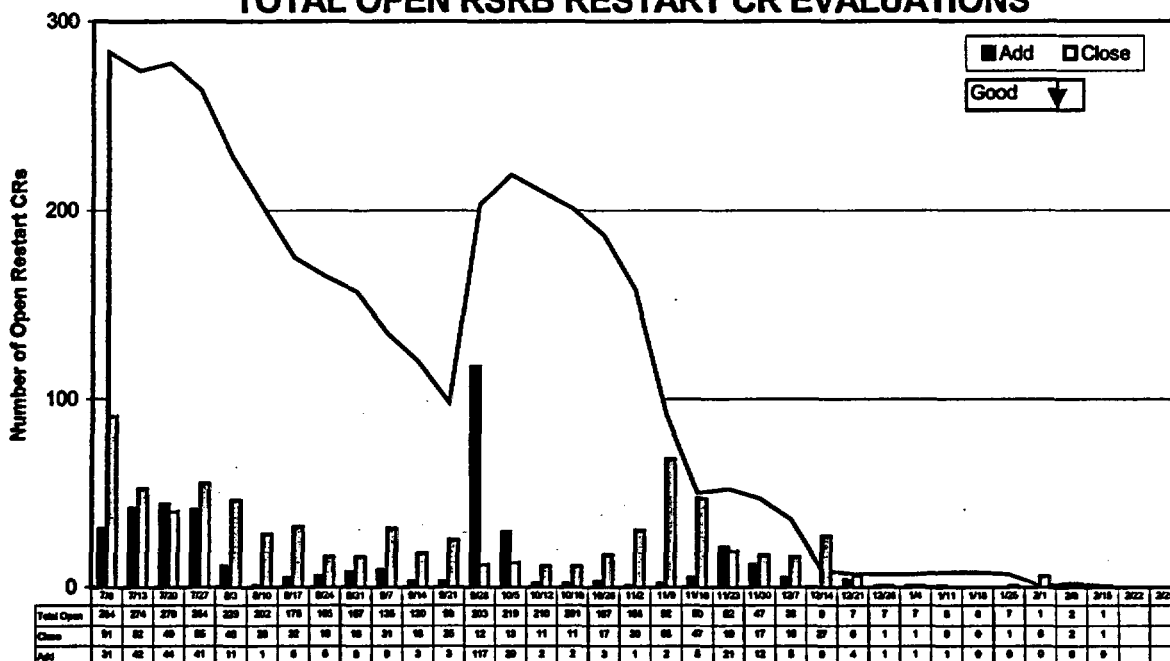
RESTART & SUSTAINED OPERATIONAL EXCELLENCE

Performance Indicators	Owner	Goal at Startup	Current Status
<i>Operational Readiness</i>			
- On-Line Corrective Maintenance Backlog	Mike Stevens	Less than 250	93
- Open Restart Modifications	Jim Powers	Zero to Complete	0
- Open Temporary Modifications	Jim Powers	Zero Temporary Modifications	1
- Open Procedure Change Requests	Linda Dohrmann	100 or Less	10
- Open Control Room Deficiencies	Kevin Ostrowski	Zero to Correct	11
- Open Operator Work Arounds	Kevin Ostrowski	Zero to Correct	7
- Open Restart Restraints (Mode 4/3) (Indicator complete and no longer in the package)	Kevin Ostrowski	Zero to Complete	0
- Open Restart Restraints (Mode 2/1)	Kevin Ostrowski	Zero to Complete	33
- Condition Report SRO Review	Linda Dohrmann	95% or better	87%
- Condition Report Evaluation	Linda Dohrmann	Decreasing Trend	Decreasing
- Corrective Action Resolution	Linda Dohrmann	Decreasing Trend	Increasing
<i>Organizational Readiness</i>			
- Condition Reporting - Self-Identified Rate	Linda Dohrmann	85% or Better	87%
- Root Cause Evaluation Quality	Linda Dohrmann	90% or Better	78%
- Condition Report Category Accuracy	Linda Dohrmann	90% or Better	94%
- Individual Error Rate	Linda Dohrmann	< 0.45 per 10,000 hrs	0.30
- Program & Process Error Rate	Linda Dohrmann	< 0.50 per 10,000 hrs	0.05
- Engineering Quality	Jim Powers	Average Score of 1.0 or Less	0.9
- Management Observations	Mark Bezilla	90% or Better	94%

DAVIS-BESSE NUCLEAR POWER STATION

RESTART ACTION PLAN

TOTAL OPEN RSRB RESTART CR EVALUATIONS



DEFINITION

This indicator tracks the work off of Condition Reports (CRs) which have been classified as requiring evaluation prior to Restart by the Restart Station Review Board (RSRB).

The vertical bar indicator monitors the weekly addition and completion of these Restart CRs. These Restart Condition Reports are considered complete when they have been evaluated and appropriate Corrective Actions have been initiated.

GOAL AT STARTUP

Zero to Complete

ANALYSIS/ SUMMARY

As of 2/15/2004, the RSRB has reviewed 16,583 Condition Reports.

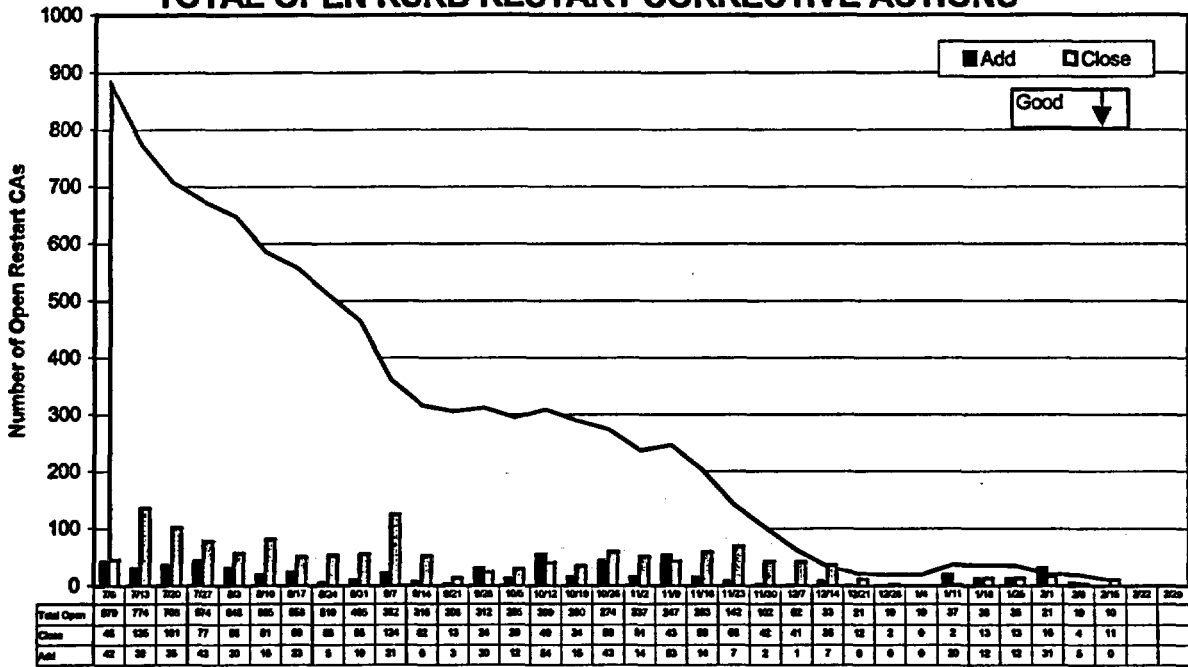
- 6,651 Condition Reports have been classified as Restart
 - 6,650 complete
 - 1 open
- of the 6,651 Restart Condition Reports, 2,057 have been classified as 0350
 - 2,057 complete
 - 0 open

Effective August 4, 2003, the Restart Station Review Board discontinued the general augmented review and restart classification of Condition Reports initiated on or after August 1, 2003. The RSRB continues to review new Condition Reports associated with NRC 0350 Restart Checklist Items.

DAVIS-BESSE NUCLEAR POWER STATION

RESTART ACTION PLAN

TOTAL OPEN RSRB RESTART CORRECTIVE ACTIONS



DEFINITION

This indicator tracks the work off of Corrective Actions (CAs) which have been classified as requiring completion prior to Restart by the Restart Station Review Board (RSRB).

The vertical bar indicator monitors the weekly addition and closure of these Restart CAs. These Restart CAs are considered closed when the Corrective Action is completed and updated as closed in the Condition Report Evaluation & Status Tracking Program (CREST).

GOAL AT STARTUP

Zero to Complete

ANALYSIS/ SUMMARY

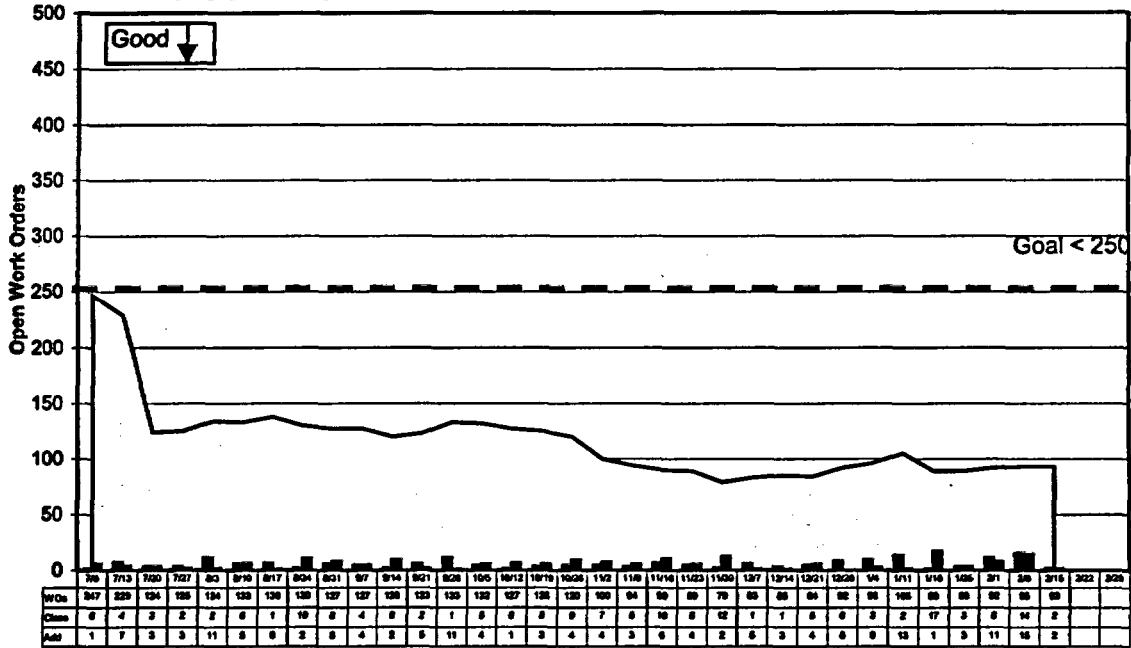
As of 2/15/04, the RSRB has reviewed 16,488 Corrective Actions associated with Restart Condition Reports.

- 7,521 Corrective Actions have been classified as Restart
 - 7,511 complete
 - 10 open
- of the 7,521 Restart Corrective Actions, 4,057 have been classified as 0350
 - 4,053 complete
 - 4 open

DAVIS-BESSE NUCLEAR POWER STATION

OPERATIONAL READINESS

ON-LINE CORRECTIVE MAINTENANCE BACKLOG



DEFINITION

Number of open on-line corrective maintenance work orders (WOs) as defined by INPO AP-928, Work Management Process Description is the repair and restoration of power production related equipment, components, or structures that have failed or are malfunctioning and are not performing their intended function.

GOAL AT STARTUP

Less than 250 open WOs

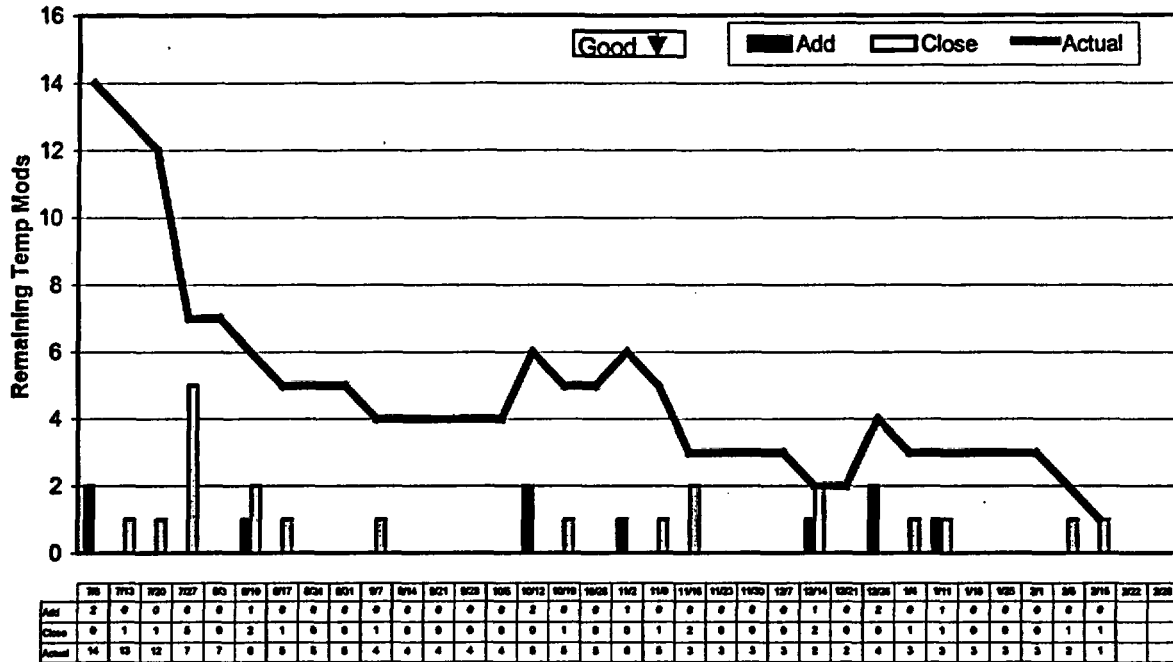
ANALYSIS/ SUMMARY

During the week ending 2/15/04, 2 new corrective orders were initiated and 2 completed. The organizational focus remains on emergent work and preventive maintenance activities. The Backlog Reduction Plan is being implemented starting January 2004 to support achieving Corrective Maintenance Backlog goals within the Operational Improvement Plan.

DAVIS-BESSE NUCLEAR POWER STATION

OPERATIONAL READINESS

OPEN TEMPORARY MODIFICATIONS



DEFINITION

This indicator tracks the closeout of all open Temporary Modifications identified before Mode 2.

GOAL AT STARTUP

Zero Temporary Modifications

ANALYSIS/ SUMMARY

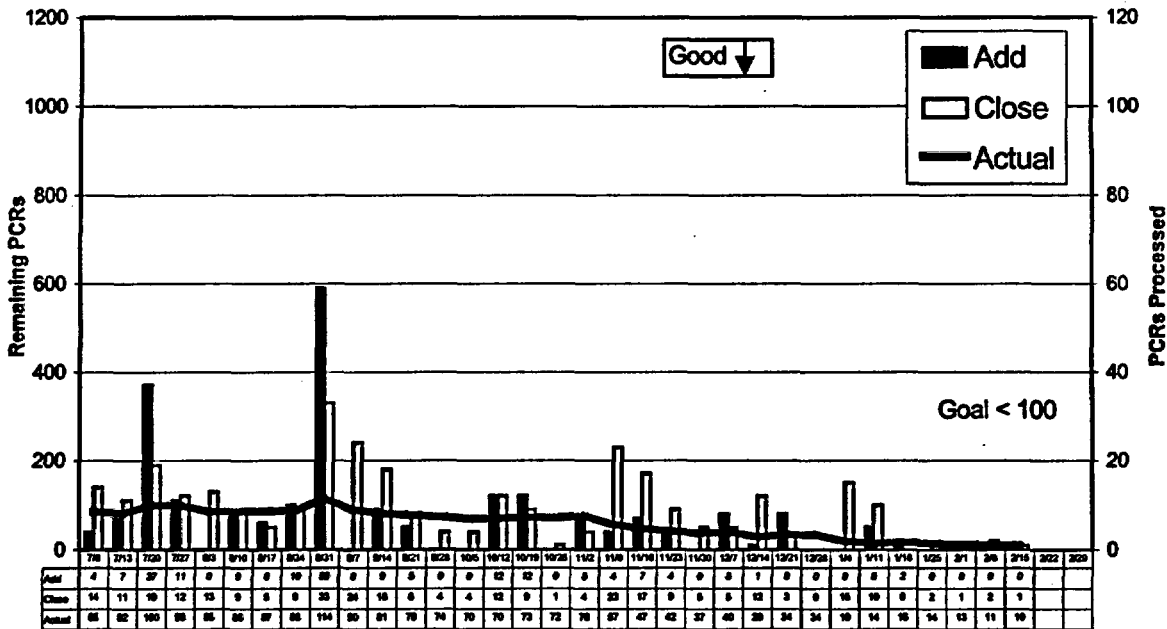
Significant progress has been made in eliminating Temporary Modifications. Since July 2003, 20 Temporary Modifications have been eliminated leaving the 1 described below, which will remain open until shortly after restart.

Temporary Modification 03-0028 will remain installed until after restart and will be removed shortly after plant startup during the next scheduled Auxiliary Boiler Outage. This Temporary Modification is for Auxiliary Boiler Feedwater Control Valve AS1678 which was reassembled without a pusher plate and handwheel. An Auxiliary Boiler outage is required to repair the valve and remove this Temporary Modification. This work can not be completed prior to restart due to the need for station heating and establishing a vacuum. Once the Station is on line, the auxiliary boiler can be removed from service to repair AS1678 and remove TM 03-0028.

DAVIS-BESSE NUCLEAR POWER STATION

OPERATIONAL READINESS

OPEN PROCEDURE CHANGE REQUESTS



DEFINITION

This indicator measures the number of Category / Priority 1 & 2 Procedure Change Requests (PCRs) which are awaiting incorporation into Davis-Besse procedures. The term PCR includes those requests initiated as Condition Reports. The above count does not include category / priority 3 PCRs as these PCRs are enhancements not affecting procedure adequacy or quality, and category/priority 4 PCRs as these PCRs are restrained by plant modifications, license amendment requests, etc. and cannot be closed until these restraints are completed. A PCR is considered completed when it is incorporated into an effective procedure or when the PCR is cancelled.

GOAL AT STARTUP

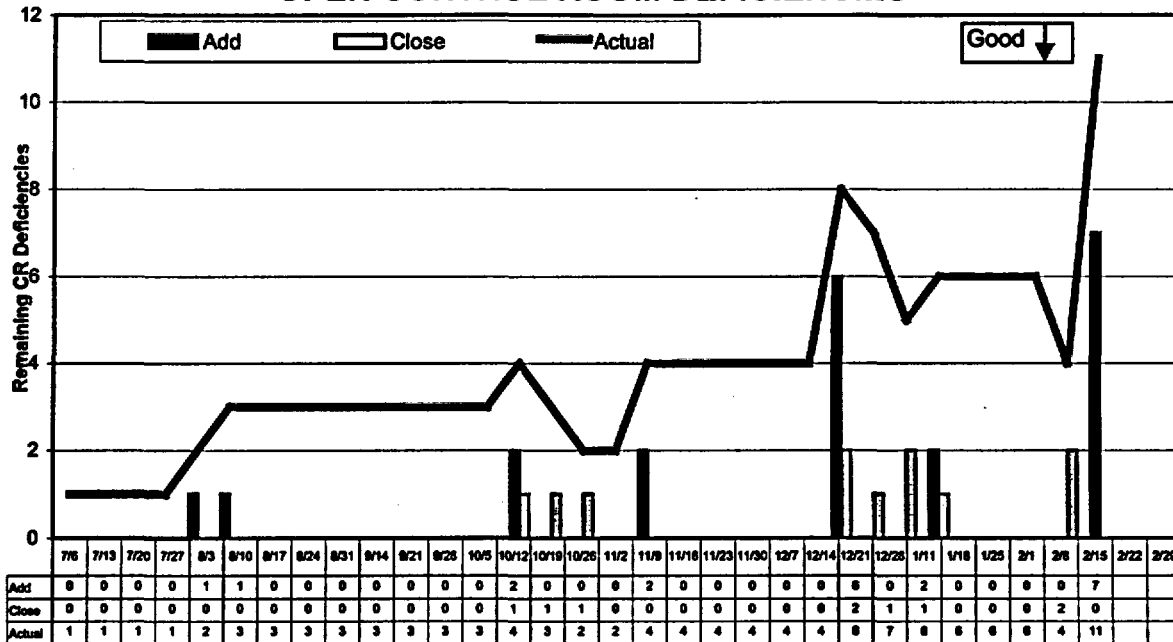
Restart goal is to be at less than 100 open targeted PCRs

ANALYSIS/ SUMMARY

As of February 15, 2004, there are 10 open Priority 1/2 change requests.

**DAVIS-BESSE NUCLEAR POWER STATION
OPERATIONAL READINESS**

OPEN CONTROL ROOM DEFICIENCIES



DEFINITION

The deficiencies in a Control Room component such as an inoperable process indicator, alarm function, or component status light and those deficiencies that prevent the operation of an automatic control system or hand operated control switch. Deficiencies corrected in the field but awaiting testing for final closeout are not included as an open control room deficiency.

GOAL AT STARTUP

The goal for Control Room deficiencies is zero at restart.

ANALYSIS/ SUMMARY

Init.Date	Priority	ECD	Description
11/04/03	300	TBD	Annunciator 9-5-D DSL OIL STRG TK LVL comes into alarm early.
12/15/03	300	2/27/04	E16277, Y1 Bus Voltage reads low in CTRM compared to local indicator.
12/15/03	300	MCO	CV5006 SAM Light did not respond as expected. (Mid-Cycle Outage)
01/05/04	300	TBD	Cooling Tower Blowdown failed open and must be controlled manually.
02/09/04	300	TBD	HICDH14A position indication does not match actual
02/13/04	300	TBD	SFRCS red reset light bulbs broken in socket
02/13/04	300	TBD	SG 1 FW S/U Control Valve Indication not responding (remains at 0%)
02/13/04	600	TBD	SG 2 Operating Level Recorder changed & computer points didn't
02/13/04	300	TBD	TPCW High Level Tank LI reads 1 foot lower than local indication
02/13/04	300	TBD	FWST Control Room LI reads low compared to local indication
02/13/04	300	TBD	2nd Stage MSR Blanketing Steam throttle valve will not throttle from CTRM

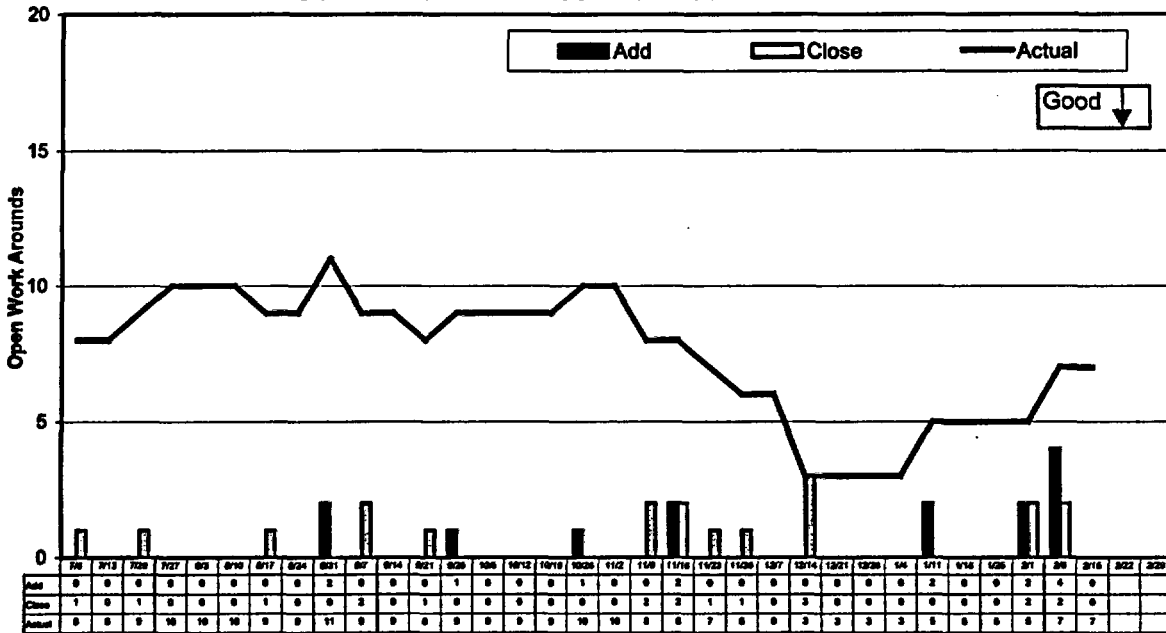
- During the week, a thorough review of Control Room tags was performed and a decision was made to add six existing conditions to the list.
- As part of Restart, beginning December 15, 2003, Davis-Besse transitioned from Outage Scheduling to the normal FENOC On-line Scheduling process and transitioned to work planning, prioritization and scheduling in accordance with FENOC Work Management Process Nuclear Operating Procedures. Control Room Deficiencies are now prioritized and scheduled in accordance with these procedures and may be elevated at the discretion of Operations based on their significance.

Owner - K. Ostrowski
Analysis - J. Fawcett

OP-01

**DAVIS-BESSE NUCLEAR POWER STATION
OPERATIONAL READINESS**

OPEN OPERATOR WORK AROUNDS



DEFINITION

A Level One Operator Work Around is defined as any equipment deficiency or change in plant conditions which, during abnormal or emergency conditions, will require an operator to perform compensatory actions. A Level Two Operator Work Around is any equipment deficiency or change in plant conditions which, during normal operations, will require an operator to perform compensatory actions. The above indicator tracks the number of open Level 1 and 2 Work Arounds. Work Arounds corrected in the field but awaiting testing for final closeout are not included as an Operator Work Around.

GOAL AT STARTUP

Zero Level 1 and 2 Operator Work Arounds at restart.

ANALYSIS/ SUMMARY

<u>Init Date</u>	<u>Priority</u>	<u>ECD</u>	<u>Level</u>	<u>Description</u>
1/30/01	300	4/22/04	1	DFP Day Tank Fill Valve DO1131, must be unisolated to fill the tank due to leakby
6/3/03	400	RFO	2	DH2733, DH Pump 1 Suction leaks by potentially lifting DH1508
1/29/04	600	Mid-Cycle	2	SW1358, CAC#3 Outlet TCV not reopening when it auto-closes
2/4/04	300	2/28/04	2	LG2571, Low Pressure Condenser Boot Seal Sight Glass isolated due to leak.
2/4/04	(CR)	TBD	2	#1 SG Wet Layup System Isolations leakby
2/4/04	(CR)	RFO	2	MFPT 1 will not stay on Turning Gear due to steam valve leakby
2/6/04	(CR)	RFO	2	DH2734, DH Pump 2 Suction leaks by potentially lifting DH1509

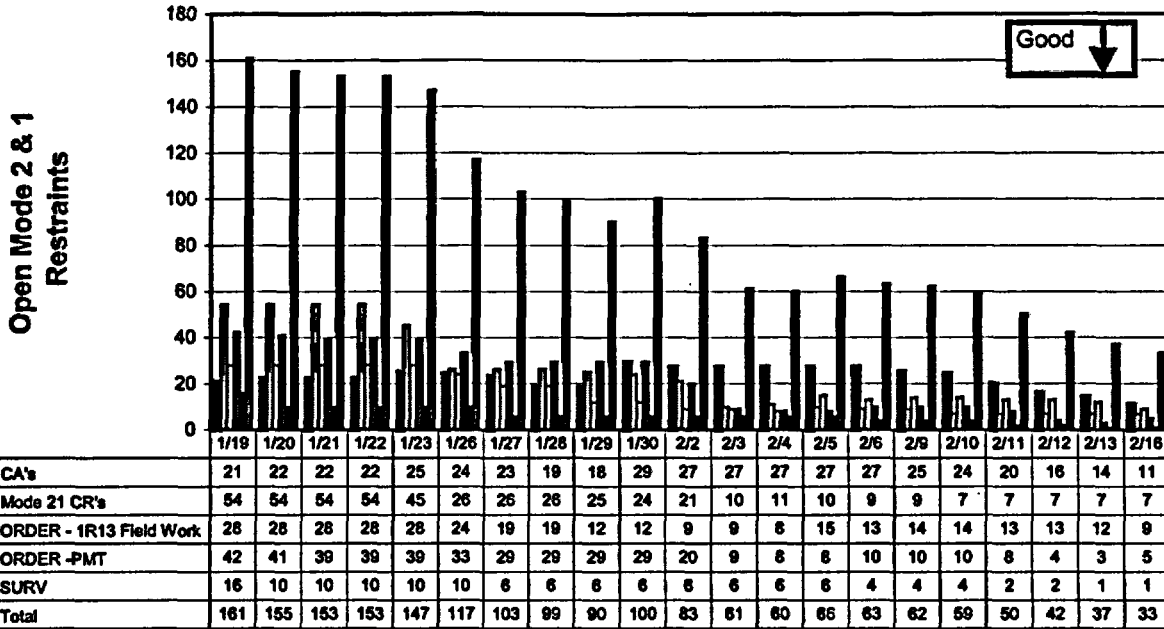
As part of Restart, beginning December 15, 2003, Davis-Besse transitioned from Outage Scheduling to the normal FENOC On-line Scheduling process and transitioned work planning, prioritization and scheduling in accordance with FENOC Work Management Process Nuclear Operating Procedures. Operator Work Arounds are now prioritized and scheduled in accordance with these procedures and may be elevated at the discretion of Operations based on their significance.

OP-02

Owner - K. Ostrowski
Analysis - J. Fawcett

**DAVIS-BESSE NUCLEAR POWER STATION
OPERATIONAL READINESS**

OPEN MODE 2 & 1 RESTRAINTS



DEFINITION

Any item that would prevent plant mode change based upon open CREST Restart CA's, CREST RSRB Restart CR's requiring evaluation, OPS/Admin Mode Restraint CR's, 13RFO coded Orders, Orders requiring Post Maintenance Testing, required Surveillance Testing.

GOAL

Clear ALL Restart Restraints prior to station restart.

ANALYSIS/ SUMMARY

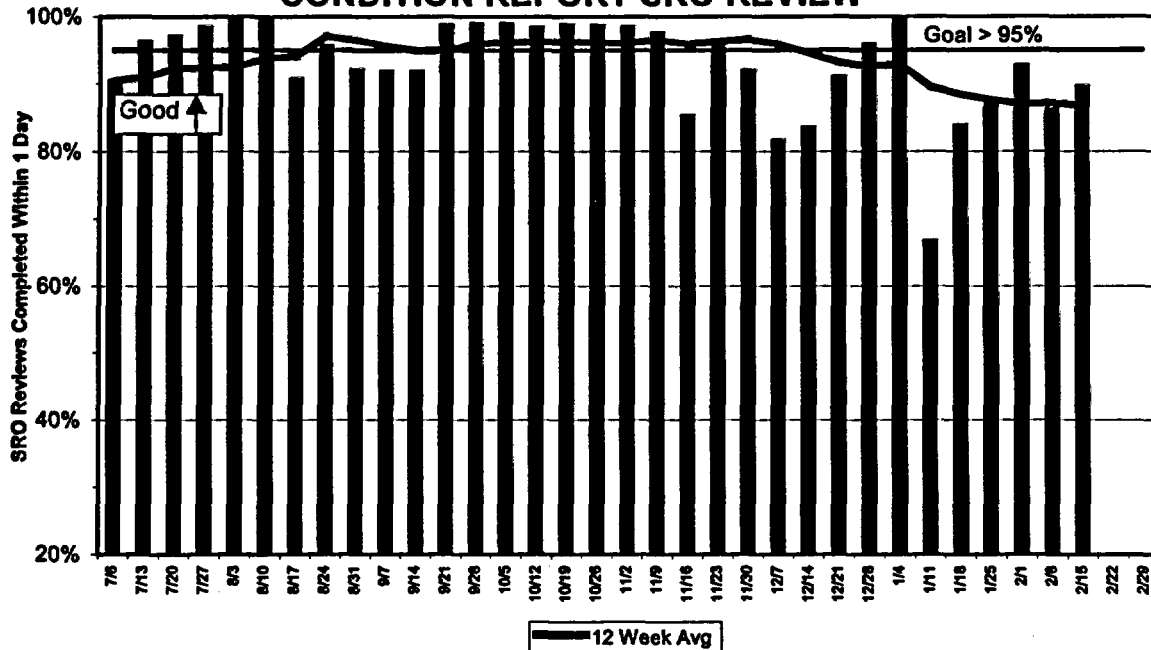
02/05/2004 - Field work increase related to AFW2, HX01
 02/04/2004 - CR Mode Hold Resolutions Awaiting Approval = 0

 1/30/2004 - CA increase following RSRB reviews
 1/16/2004 - CR increase following RSRB reviews

DAVIS-BESSE NUCLEAR POWER STATION

OPERATIONAL READINESS

CONDITION REPORT SRO REVIEW



DEFINITION

This indicator measures the percent of Condition Report (CR) Senior Reactor Operator (SRO) reviews completed within one day after the review by the originator's supervision to ensure timely review of plant configuration and operability concerns. The SRO reviews requested by the Management Review Board (MRB) are excluded from this indicator.

GOAL AT STARTUP

Restart goal is for 95% or more of the SRO reviews to be completed within one day.

ANALYSIS/ SUMMARY

Ninety percent (69/77) of the SRO reviews were completed within one day after the review by the originator's supervision with the remaining eight SRO reviews having a duration of up to four days. The decrease can be contributed to resources focusing on plant start-up activities, training activities and operating crews benchmarking at Perry and Beaver Valley. Major plant activities have been completed and this trend is expected to improve. The 12-week average (11/24/03 - 2/15/04) is 87 percent of the SRO reviews completed within one day.

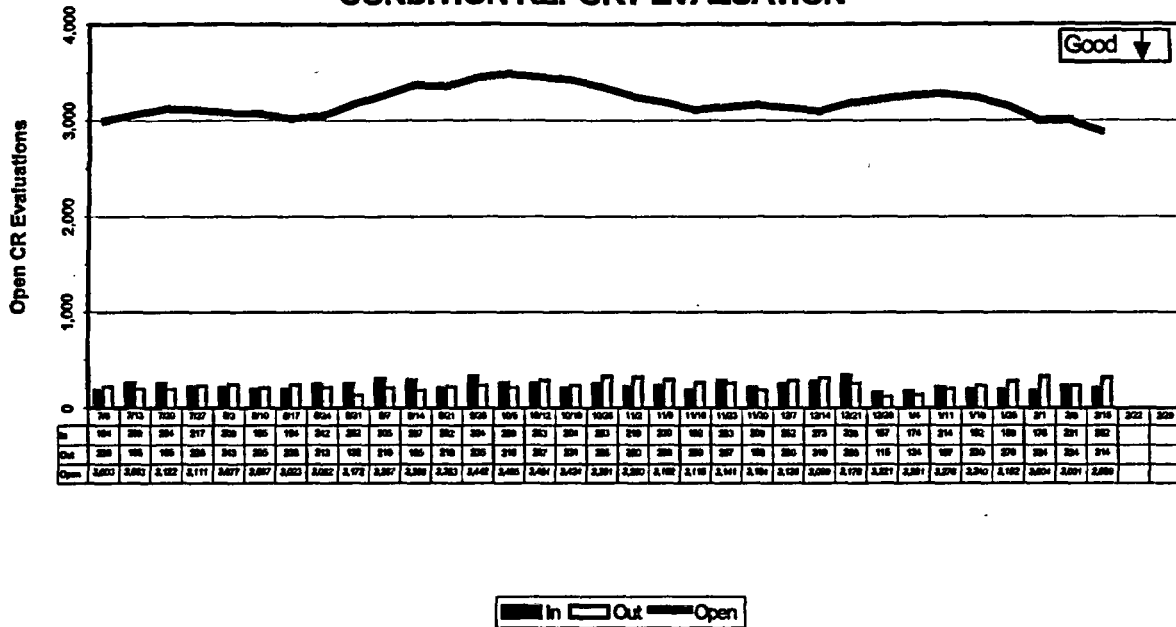
This performance indicator has been adjusted through week ending 2/8/04 to remove the time Operations staff were performing peer reviews of the initial SRO Condition Report review. The purpose of the indicator is to measure the timeliness of SRO reviews of potential plant concerns. This is accomplished on the initial SRO review. The performance indicator was adjusted back to week ending 11/2/03.

CA-01

Owner - L. Dohrmann
Analysis - S. Gatter

**DAVIS-BESSE NUCLEAR POWER STATION
OPERATIONAL READINESS**

CONDITION REPORT EVALUATION



DEFINITION

This indicator measures the number of Restart and Non-Restart Condition Reports (CR) currently open for completion of their evaluation. The CR Senior Reactor Operator (SRO) review date is used as the starting point for new evaluation assignments.

GOAL AT STARTUP

The restart goal is a decreasing trend of open CR evaluations.

ANALYSIS/ SUMMARY

The trend of open CR evaluations has decreased by 13 percent over the last five weeks. The 2,889 open CR evaluations consist of 1,707 (59.1%) - NCAQ (Conditions Not Adverse to Quality), 1,177 (40.7%) - CAQ (Conditions Adverse to Quality), and 5 (0.2%) - SCAQ (Significant Conditions Adverse to Quality). The organizations with the highest number of open CR evaluations are:

- Plant Engineering - 1,055 open (decreased by five percent)
- Design Engineering - 642 open (decreased by three percent)
- Maintenance - 258 open (decreased by 11 percent)
- Operations - 249 open (increased by one percent)
- Radiation Protection - 133 open (increased by one percent)
- Project Management - 116 open (no change)

- CR & CA reduction meetings are being set up to begin in February to address the prioritization and scheduling of work-off by section. These meetings will be chaired by the Plant Manager.

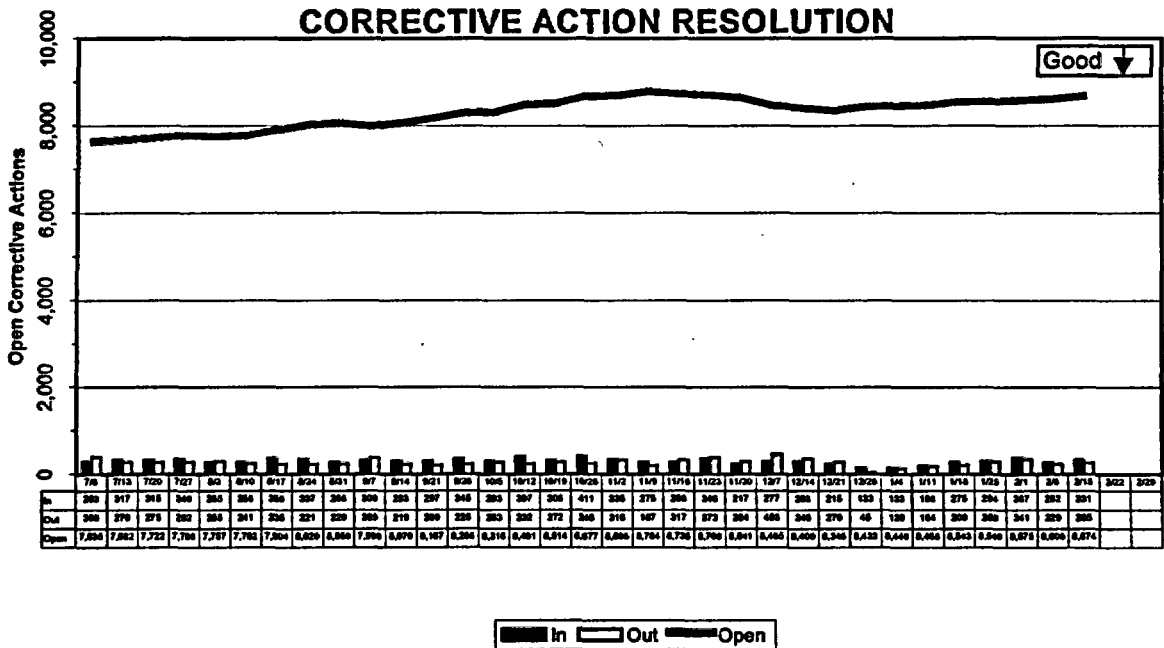
CA-02

Owner - L. Dohrmann
Analysis - S. Gatter

DAVIS-BESSE NUCLEAR POWER STATION

OPERATIONAL READINESS

CORRECTIVE ACTION RESOLUTION



DEFINITION

This indicator measures the number of Restart and Non-Restart Condition Report (CR) Corrective Actions currently open for resolution. The Manager acceptance date is used as the starting point for new corrective action assignments.

GOAL AT STARTUP

The restart goal is a decreasing trend of open CR corrective actions.

ANALYSIS/ SUMMARY

The trend of open CR corrective actions has increased four percent over the last eight weeks. The 8,674 open corrective actions consist of 3,225 (37.2%) - NCAQ (Conditions Not Adverse to Quality), 5,097 (58.8%) - CAQ (Conditions Adverse to Quality), and 352 (4.0%) - SCAQ (Significant Conditions Adverse to Quality). The organizations with the highest number of open CR corrective actions are:

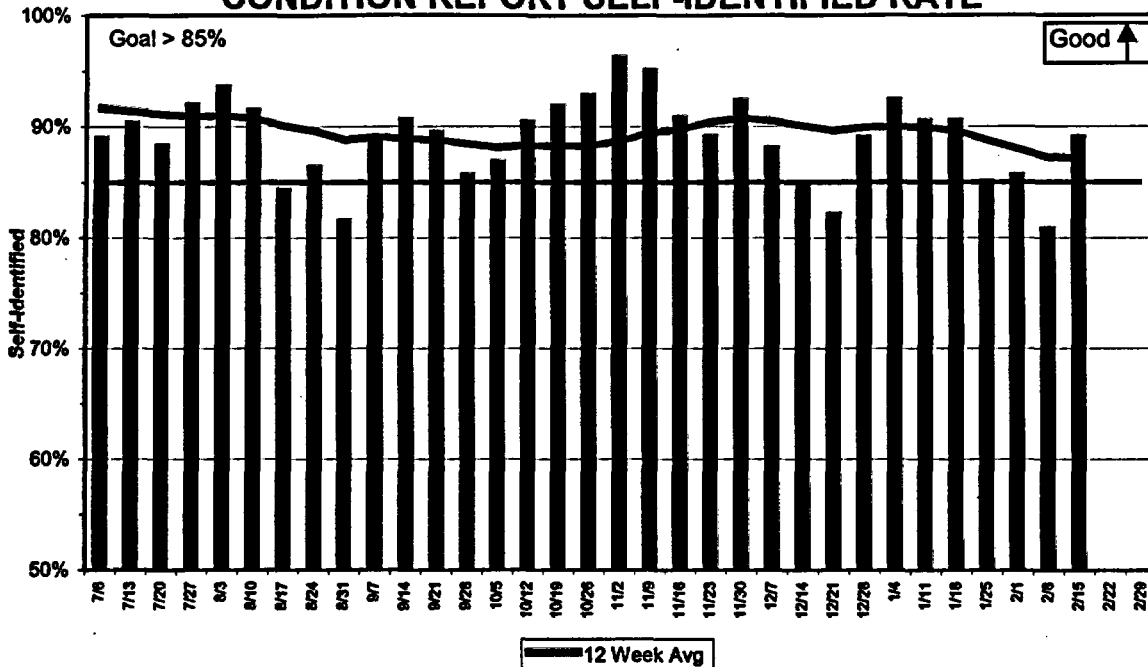
- Plant Engineering - 2,089 open (increased by one percent)
- Design Engineering - 1,557 open (increased by less than one percent)
- Outage Management & Work Control - 1,228 open (increased by one percent)
- Maintenance - 753 open (increased by one percent)
- Operations - 723 open (no change)
- Training - 640 open (increased by four percent)

- CR & CA reduction meetings are being set up to begin in February to address the prioritization and scheduling of work-off by section. These meetings will be chaired by the Plant Manager.

DAVIS-BESSE NUCLEAR POWER STATION

ORGANIZATIONAL READINESS

CONDITION REPORT SELF-IDENTIFIED RATE



DEFINITION

This Indicator reviews the population of Condition Reports (CRs) originated and calculates the percent self-identified compared to the total. CRs originated as a result of QA/INPO/NRC input/feedback or CRs originated as a result of a self-revealed issue are not considered self-identified. The CR Senior Reactor Operator (SRO) review date is used as the starting point for determining the self-identified rate.

This indicator assesses the Davis-Besse organization's ability to internally identify conditions adverse to quality. A high value is representative of an organization that is engaged and committed to the Corrective Action Process.

GOAL AT STARTUP

Restart goal is for a twelve week rolling average of 85% or more of the CRs originated to be self-identified.

ANALYSIS/ SUMMARY

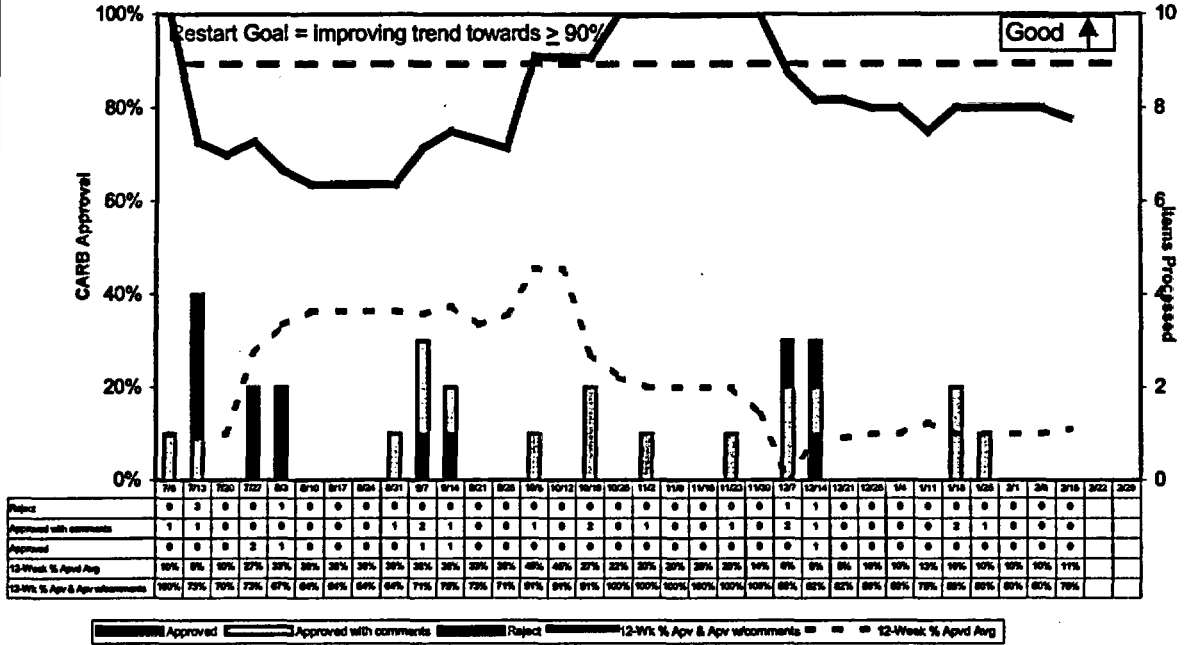
Eighty-nine percent (180/202) of the CRs originated were self-identified. The 12-week average (11/24/03 - 2/15/04) is 87 percent of the CRs originated were self-identified.

- Internal Oversight - four percent (9/202)
- External Oversight - four percent (8/202)
- Self-Revealing - three percent (5/202)

DAVIS-BESSE NUCLEAR POWER STATION

ORGANIZATIONAL READINESS

ROOT CAUSE EVALUATION QUALITY



DEFINITION

The top line of this indicator measures the percentage of Root Cause evaluations and other designated documents accepted (approved and approved with comments) by the Corrective Action Review Board (CARB). Root Cause evaluations are counted once regardless of subsequent changes or CARB acceptance after initial rejection. The differential between the 12 week average lines for Root Cause evaluations accepted (approved and approved with comments), and Root Cause evaluations approved is an indication of CARB participation and their added value to the Root Cause evaluations.

GOAL AT STARTUP

Restart goal is for an improving trend of the twelve week average, then a long-term goal of 90% or more Root Cause evaluations accepted by the CARB.

ANALYSIS/ SUMMARY

One CARB meeting was held during the week ending 2/15/04. No Root Cause reports were reviewed by the CARB. There are no Root Cause evaluations currently ready for CARB review. The 12-week average (11/24/03 - 2/15/04) is 78 percent of the Root Cause evaluations accepted by the CARB.

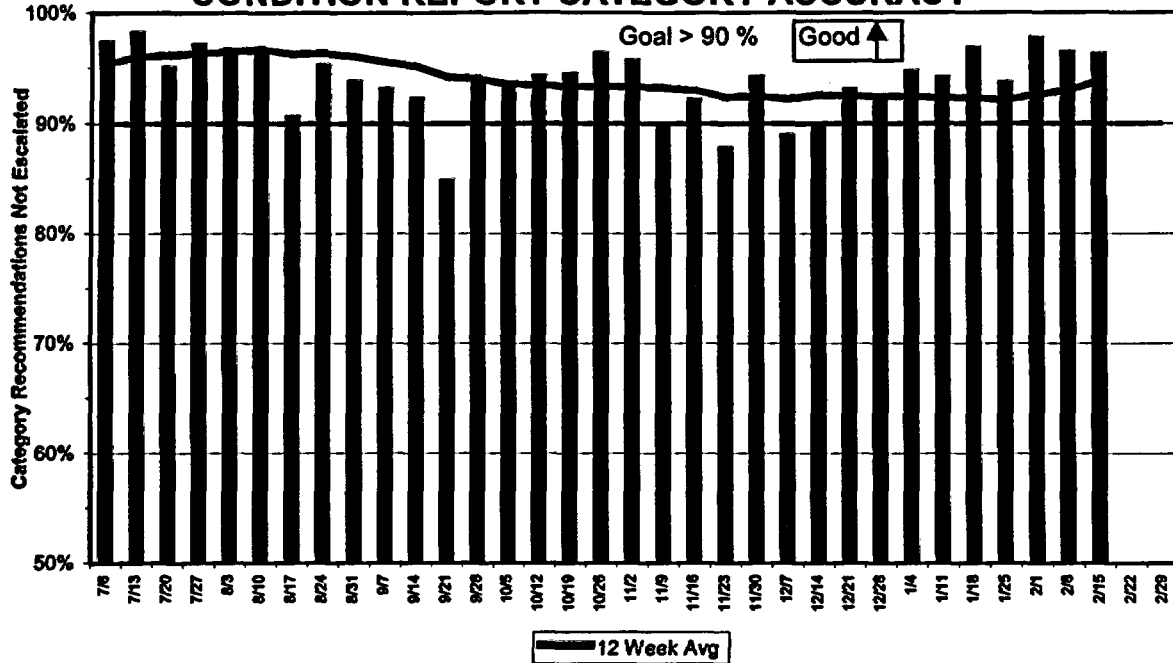
The two rejects in December 2003, caused the 12-week rolling average to dip. In the last 24 weeks the average quality of root causes over that time frame is 90%.

The reduction to the 12-week average this week is not a result of current performance, but the dropping off of an approved Evaluation from the 12-week average.

DAVIS-BESSE NUCLEAR POWER STATION

ORGANIZATIONAL READINESS

CONDITION REPORT CATEGORY ACCURACY



DEFINITION

This indicator measures the percent of Condition Report (CR) categories recommended by the originator's supervision that do not require escalated categorization by the Management Review Board (MRB).

GOAL AT STARTUP

Restart goal is to maintain a Twelve Week Rolling Average level of 90% or better.

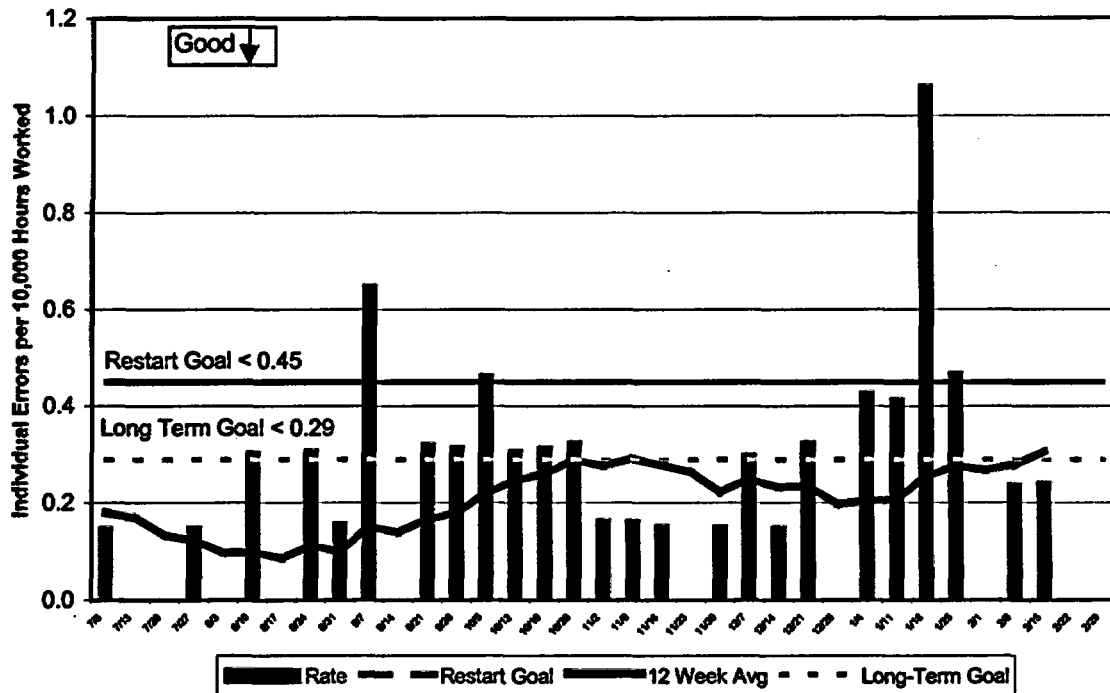
ANALYSIS/ SUMMARY

The MRB changed the supervisory recommended category to a higher level on four percent (7/187) of the CRs. No category changes resulted in an increase from a condition adverse to quality (CAQ) to a significant condition adverse to quality (SCAQ). The 12-week average (11/24/03 - 2/15/04) of CR category recommendations not escalated by the MRB is 94 percent.

DAVIS-BESSE NUCLEAR POWER STATION

ORGANIZATIONAL READINESS

INDIVIDUAL ERROR RATE



DEFINITION

An individual error is an inappropriate human action specific to an individual. The appropriate depth of barriers (procedures, training, supervision, and plant design) to the error are already in place sufficiently to preclude the error from recurring with any other individual. The error had a reasonable potential to affect plant safety, regulatory position, financial liability, environmental impact or power production. The individual error rate is the number of qualifying errors per 10,000 hours worked.

GOAL AT STARTUP

Restart goal is twelve week rolling average < 0.45 individual errors per 10,000 hours

ANALYSIS/ SUMMARY

During the week, there was one Condition Report (CR) that met the screening criteria for this Indicator resulting in an individual error rate of 0.24 errors per 10,000 hours worked for the week. The 12-week rolling average is 0.30 individual errors per 10,000 hours worked.

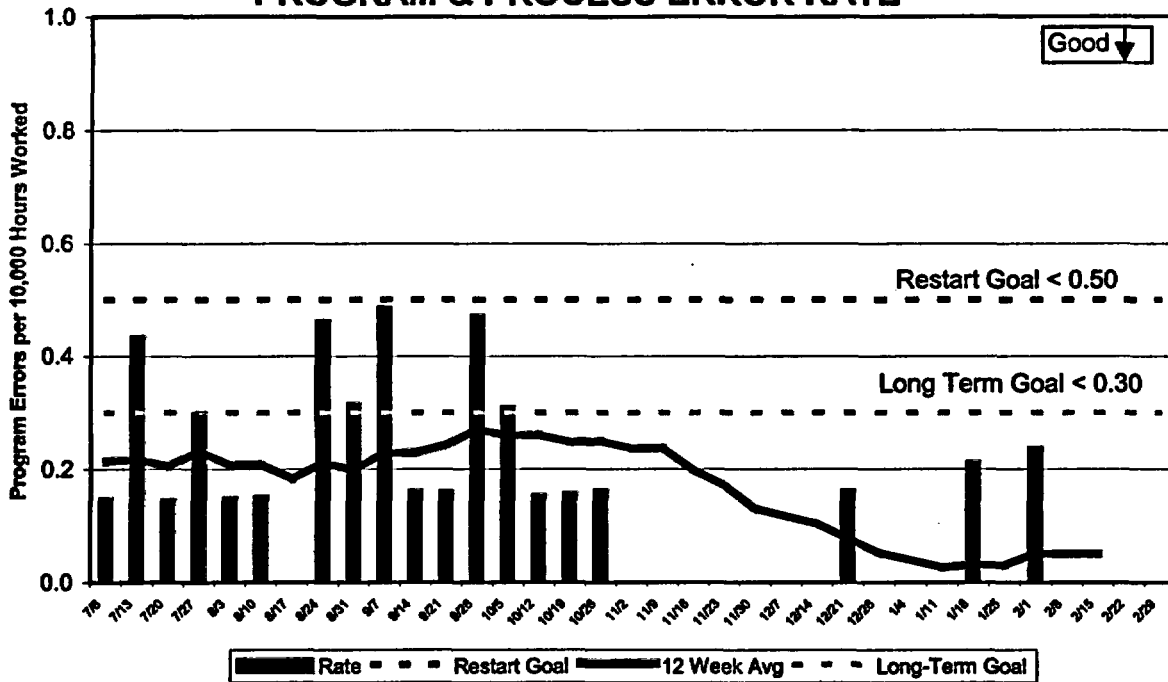
CR 04-01230 documents a condition in which a Technical Specification entry was not recognized. The actions associated with the Technical Specification Entry were completed within the required time, but Technical Specification entry was logged approximately eight hours after the required time.

CA-06

Owner - L. Dohrmann
Analysis - J. Grimm

ORGANIZATIONAL READINESS

PROGRAM & PROCESS ERROR RATE



DEFINITION

A Program and Process Error is an undesirable situation caused by the lack of sufficient information for the performer to complete the task or evolution successfully. It is a human performance barrier breakdown not specific to any individual because the insufficient barriers would exist for any other person attempting to complete the task. The error had a reasonable potential to affect plant safety, regulatory position, financial liability, environmental impact or power production. The program error rate is the number of program and process errors per 10,000 person-hours worked.

GOAL AT STARTUP

Restart goal is twelve week rolling average < 0.50 program errors per 10,000 hours

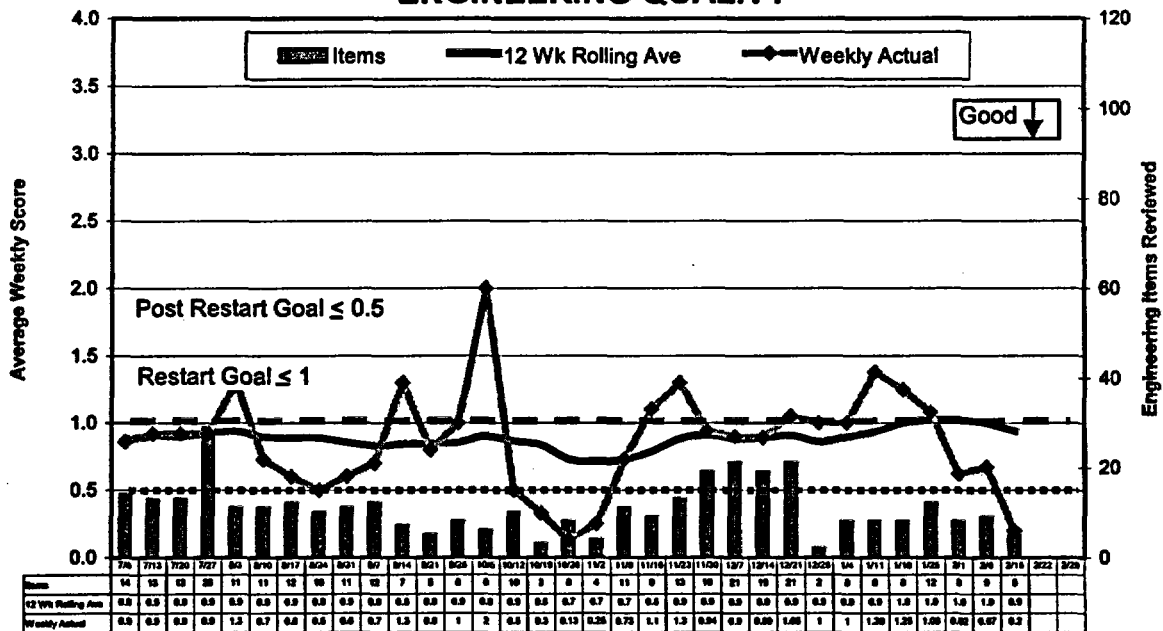
ANALYSIS/ SUMMARY

During the week, there were no Condition Reports (CR) that met the screening criteria for this indicator resulting in a program error rate of 0.0 errors per 10,000 hours worked for the week. The 12-week rolling average is 0.05 program errors per 10,000 hours worked.

DAVIS-BESSE NUCLEAR POWER STATION

ORGANIZATIONAL READINESS

ENGINEERING QUALITY



DEFINITION

This indicator measures the score for quality of Engineering products as assigned by the Engineering Assessment Board (EAB). The score is based on an assessment of quality in the following areas: Procedural Performance/Implementation, Rigor in Problem Solving, Team Approach, Analysis/Evaluation/Design, Design Basis Maintenance, and Licensing Basis Maintenance.

- Score summary:
- 0 No comment, product is acceptable as presented.
 - 1 Omission or error has negligible effect on results.
 - 2 Omission or error has negligible effect but requires revision of document.
 - 3 Significant effect on results.
 - 4 Attribute unsatisfactory.

GOAL AT STARTUP

The goal at restart is to achieve a twelve week rolling average score of 1.0 or less.

ANALYSIS/ SUMMARY

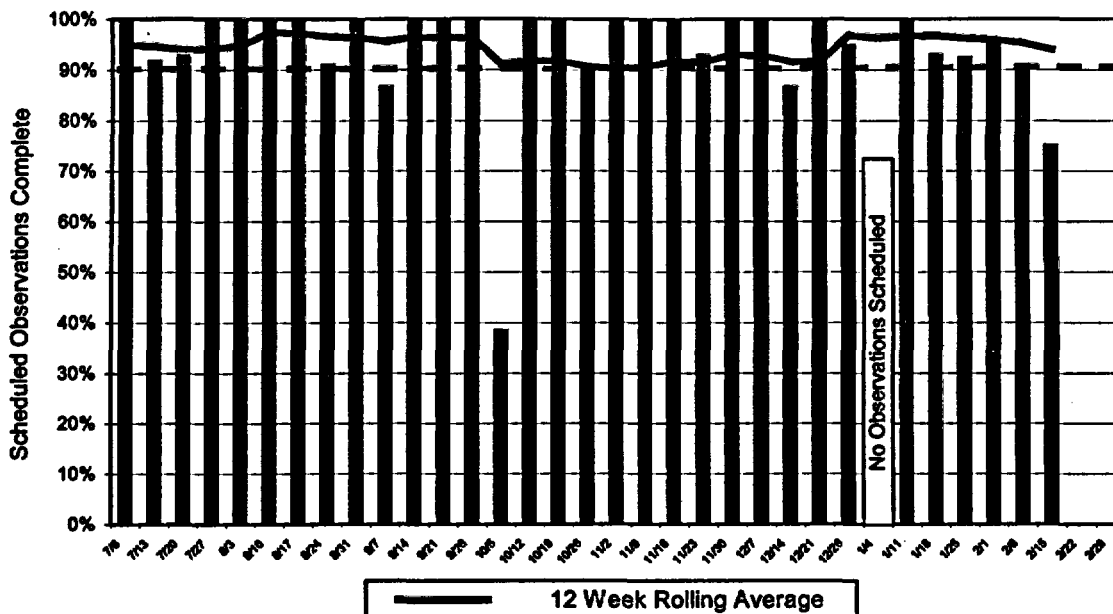
For week ending February 15, 5 products were assessed with weekly average score of 0.2 with one product being scored as a 1, the rest being scored as 0's. Twelve week rolling average is 0.9. Review of the data used to produce the PI shows a negative trend as of mid November 2003, when all Engineering calculations began to be submitted to the EAB as part of the Calculation Improvement Effort. Prior to this, only select calculations were reviewed by EAB. These calculations have been included in this indicator and currently make up a significant population of products reviewed. EAB has provided comments in the areas of design input, assumptions and basis that have resulted in modification of a number of calculations. The comments are usually of a minor nature not affecting the final conclusion and are intended to provide additional rigor and completeness. This feedback to the calculation originators continues in an effort to improve calculation quality in these areas and others. During the last two weeks, the weekly averages have been significantly better than the weekly scores since mid November.

Engineering Assessment Board has established a Post Restart Goal of 0.5 or less. This Post Restart Goal has been added to graph and is intended to be reached prior to the end of Operating Cycle 14.

DAVIS-BESSE NUCLEAR POWER STATION

MANAGEMENT AND HUMAN PERFORMANCE EXCELLENCE

MANAGEMENT OBSERVATIONS



DEFINITION

This indicator measures the percentage of management scheduled observations completed for observations of training, operations, and field activities. Management observations are intended to influence desired behaviors by direct verbal communication which reinforces performance that meets or exceeds expectations (satisfactory - coached), or provides feedback on undesired performance (unsatisfactory - coached). Strengths and weaknesses result from the coaching opportunities.

GOAL TO RESTART

Twelve Week Rolling Average of 90% or more management observations completed as scheduled.

ANALYSIS/ SUMMARY

Twelve Week Rolling Average is 94%. 75% (9/12) of the scheduled management observations were completed during the week ending February 15, 2004.

Management observations have been showing an increase in unsatisfactory housekeeping observations, therefore the focus of the week was housekeeping.

Two observations were overall unsatisfactory. One was in the Administration building and referred to the areas vacated by contractor personnel. The other unsatisfactory observation was 657' and 643' level heater bays. Five conditions reports were generated from this observation. The observer stated that overall the conditions were adequate, however, we need to keep on top of these issues. The issues were also discussed with the on-shift SRO.

Other observations on the Aux building, east condenser pit, low level rad waste building, and general housekeeping tours all showed overall satisfactory results. Improvement is needed in storage areas, materials, tools and equipment left out, and the need to keep enforcing housekeeping standards.

Condition Report (CR 04-01131) was generated because the observer noticed a void where BISCO was missing from a penetration.

MH-03

Owner / Oversight - M. Bezilla
Analysis - K. Fehr