

February 6, 2002

Mr. M. Reddemann
Site Vice President
Kewaunee and Point Beach Nuclear Plants
Nuclear Management Company, LLC
6610 Nuclear Road
Two Rivers, WI 54241

SUBJECT: POINT BEACH NUCLEAR PLANT
NRC INSPECTION REPORT 50-266/02-002(DRS); 50-301/02-002(DRS)

Dear Mr. Reddemann:

On January 18, 2002, the NRC completed an inspection at your Point Beach Nuclear Plant. The enclosed report documents the inspection findings which were discussed on January 18, 2002, with Mr. Taylor and other members of your staff.

The inspection examined activities conducted under your license as they relate to safety and compliance with the Commission's rules and regulations and with the conditions of your license. The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel. Specifically, this inspection focused on the baseline annual inspection for evaluations of changes, tests, or experiments (10 CFR 50.59) and the baseline biennial inspection for permanent plant modifications.

No findings of significance were identified.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/NRC/ADAMS/index.html> (the Public Electronic Reading Room).

Sincerely,

/RA/

Ronald N. Gardner, Chief
Electrical Engineering Branch
Division of Reactor Safety

Docket Nos. 50-266; 50-301
License Nos. DPR-24; DPR-27

Enclosure: Inspection Report 50-266/02-002(DRS); 50-301/02-002(DRS)

See Attached Distribution

cc w/encl: R. Grigg, President and Chief
Operating Officer, WEPCo
R. Anderson, Executive Vice President
and Chief Nuclear Officer
T. Webb, Licensing Manager
D. Weaver, Nuclear Asset Manager
T. Taylor, Plant Manager
A. Cayia, Site Director
J. O'Neill, Jr., Shaw, Pittman,
Potts & Trowbridge
K. Duveneck, Town Chairman
Town of Two Creeks
D. Graham, Director
Bureau of Field Operations
A. Bie, Chairperson, Wisconsin
Public Service Commission
S. Jenkins, Electric Division
Wisconsin Public Service Commission
State Liaison Officer

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See Attached Distribution

DOCUMENT NAME: C:\MYFILES\Copies\Point Beach Drs.wpd

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Public Service Commission
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U. S. NUCLEAR REGULATORY COMMISSION

REGION III

Docket Nos: 50-266; 50-301
License Nos: DPR-24; DPR-27

Report No: 50-266/02-002(DRS); 50-301/02-002(DRS)

Licensee: Nuclear Management Company, LLC

Facility: Point Beach Nuclear Plant

Location: 6610 Nuclear Road
Two Rivers, WI 54241

Dates: January 14 through 18, 2002

Inspectors: Robert C. Daley, Reactor Inspector
George M. Hausman, Senior Reactor Inspector (Lead)
Kenneth G. O'Brien, Senior Reactor Inspector
Darrell L. Schrum, Reactor Inspector

Observer: Nicholas A. Valos, Reactor Inspector (Trainee)

Approved by: Ronald N. Gardner, Chief
Electrical Engineering Branch
Division of Reactor Safety

SUMMARY OF FINDINGS

50-266/02-002(DRS); 50-301/02-002(DRS), on 01/14-18/2002, Nuclear Management Company, LLC, Point Beach Nuclear Plant. Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications Report.

The report covers a five day announced inspection. The inspection was conducted by four Region III based reactor inspectors and one observer in training. No findings of significance were identified. The significance of most findings is indicated by their color (Green, White, Yellow, Red) using IMC 0609 "Significance Determination Process" (SDP). The NRC's program for overseeing the safe operation of commercial nuclear power reactors is described at its Reactor Oversight Process website at <http://www.nrc.gov/NRR/OVERSIGHT/index.html>. Findings for which the SDP does not apply are indicated by "No Color" or by the severity level of the applicable violations.

A. Inspector Identified Findings

Cornerstones: Initiating Events, Mitigating Systems, Barrier Integrity

No findings of significance were identified.

Report Details

Summary of Plant Status

Units 1 and 2 were operated at or near 100 percent power throughout the inspection period.

1. REACTOR SAFETY

Cornerstones: Initiating Events, Mitigating Systems, and Barrier Integrity

1R02 Evaluations of Changes, Tests, or Experiments (71111.02)

.1 Review of 10 CFR 50.59 Evaluations and Screenings for Changes, Tests, or Experiments

a. Inspection Scope

The inspectors reviewed ten evaluations performed pursuant to 10 CFR 50.59. The evaluations related to permanent plant modifications, setpoint changes, procedure changes, conditions adverse to quality, and changes to the updated final safety analysis report. The inspectors reviewed the evaluations to verify that the evaluations were thorough and that prior NRC approval was obtained as appropriate. The inspectors also reviewed fifteen screenings where the licensee had determined that a 10 CFR 50.59 evaluation was not necessary. In regard to the changes reviewed where no 10 CFR 50.59 evaluation was performed, the inspectors verified that the changes did not meet the threshold to require a 10 CFR 50.59 evaluation. These evaluations and screenings were chosen based on risk significance of samples from the different cornerstones.

b. Findings

No findings of significance were identified.

1R17 Permanent Plant Modifications (71111.17)

.1 Review of Recent Permanent Plant Modifications

a. Inspection Scope

The inspectors reviewed ten permanent plant modifications that were installed in the last two years. The modifications were chosen based upon their affecting systems that had high probabilistic risk analysis (PRA) significance in the licensee's Individual Plant Evaluation (IPE) or high maintenance rule safety significance. The inspectors reviewed the modifications to verify that the completed design changes were in accordance with the specified design requirements and the licensing bases and to confirm that the changes did not affect any systems' safety function. Design and post-modification testing aspects were reviewed to ensure the functionality of the modification, its

associated system, and any support systems. The inspectors also reviewed the modifications performed to verify the modification did not place the plant in an increased risk configuration.

b. Findings

No findings of significance were identified.

4. OTHER ACTIVITIES (OA)

4OA2 Identification and Resolution of Problems

a. Inspection Scope

The inspectors reviewed a selected sample of corrective action documents associated with the licensee's permanent plant modifications and concerning 10 CFR 50.59 evaluations and screenings to verify that the licensee had an appropriate threshold for identifying issues. The inspectors evaluated the effectiveness of the corrective actions for the identified issues.

b. Findings

No findings of significance were identified.

4OA6 Meetings

Exit Meeting

The inspectors presented the inspection results to Mr. Taylor and other members of licensee management at the conclusion of the inspection on January 18, 2002. The licensee acknowledged the findings presented. No proprietary information was identified.

KEY POINTS OF CONTACT

Nuclear Management Company, LLC

J. Anderson, Production Planning Manager
L. Armstrong, Design Engineering Manager
D. Black, Nuclear Safety Engineer
D. Carter, Seismic Qualification Engineer
A. Cayia, Site Operations Director
D. Dobson, IST Engineer
C. Drescher, Modification Engineer
J. Ertman, NMC Fleet Fire Protection Eng
F. Flentje, Licensing Specialist
N. Hoefert, Programs Engineering Manager
J. Hanna, System Engineer
R. Hornak, Supervising Engine
R. Hannemann, Supervising Engineer
D. Hettick, Performance Improvement Manager
K. Holt, Supervising Engineer
V. Kaminskas, Maintenance Manager
T. Kendall, Supervising Engineer
A. Little, System Engineer
J. Marean, Engineering Drafting Supervisor
J. MacNamara, Supervising Engineer
R. Mende, KPB Engineering Director
D. Pederson, System Engineer
L. Peterson, Engineering Processes Manager
K. Peveler, Nuclear Oversight Manager
R. Repshas, KPB Site Services Manager
J. Roberts, MOV Engineer
M. Rosseau, Supervising Engineer
D. Schoon, Operations Manager
T. Taylor, Plant Manager
S. Thomas, Radiation Protection Manager
T. Vandenbosch, AOP Coordinator

NRC

P. Krohn, Senior Resident Inspector

LIST OF ACRONYMS USED

ADAMS	Agencywide Documents Access and Management System
AFW	Auxiliary Feedwater
ANSI	American National Standards Institute
AOP	Abnormal Operating Procedure
ATWS	Anticipated Transient Without Scram
CCW	Component Cooling Water
CFR	Code of Federal Regulations
dc	Direct Current
DPR	Demonstration Power Reactor
DRS	Division of Reactor Safety
ECR	Engineering Change Request
EDG	Emergency Diesel Generator
EOP	Emergency Operating Procedure
EQ	Environmental Qualification
ESFAS	Engineered Safety Features Actuation System
F	Fahrenheit
FSAR	Final Safety Analysis Report
FW	Feedwater
GL	Generic Letter
gov	Government
html	Hypertext Markup Language
http	Hypertext Transfer Protocol
HVAC	Heating Ventilation and Air Conditioning
HX	Heat Exchanger
IA	Instrument Air
IMC	Inspection Manual Chapter
IPE	Individual Plant Evaluation
IR	Inspection Report
IST	In-service Testing
KPB	Kewaunee and Point Beach
LLC	Limited Liability Company
LOV	Loss of Voltage
MCC	Motor Control Center
MFW	Main Feedwater
MOV	Motor Operated Valve
NEI	Nuclear Energy Institute
NMC	Nuclear Management Company
NRC	United States Nuclear Regulatory Commission
NRR	Office of Nuclear Reactor Regulation
OA	Other Activities
PARS	Publicly Available Records
PBNP	Point Beach Nuclear Plant
PRA	Probabilistic Risk Analysis
QA	Quality Assurance
QC	Quality Control

LIST OF ACRONYMS USED

RG	Regulatory Guide
RHR	Residual Heat Removal
RPS	Reactor Protection System
RCP	Reactor Coolant Pump
RCS	Reactor Coolant System
RWST	Refueling Water Storage Tank
SD	Shutdown
SDP	Significance Determination Process
SE	Safety Evaluation
SER	Safety Evaluation Report
SFP	Spent Fuel Pool
SI	Safety Injection
SSFI	Safety Systems Functional Inspection
SW	Service Water
TDAFW	Turbine Driven Auxiliary Feedwater
TRM	Technical Requirements Manual
TS	Technical Specification
USAR	Updated Safety Analysis Report
USI	Unresolved Safety Issue
V	Volt
WE	Wisconsin Electric
wpd	WordPerfect Document
www	World Wide Web

LIST OF DOCUMENTS REVIEWED

The following is a list of licensee documents reviewed during the inspection, including documents prepared by others for the licensee. Inclusion on this list does not imply that NRC inspectors reviewed the documents in their entirety, but rather that selected sections or portions of the documents were evaluated as part of the overall inspection effort. Inclusion of a document in this list does not imply NRC acceptance of the document, unless specifically stated in the inspection report.

CALCULATIONS

<u>Number</u>	<u>Description</u>	<u>Rev/Date</u>
692301-2.2	Effect of Loss of Ventilation on Critical Plant Areas at the PBNP Following a Station Blackout	2
99-0031	Structural Qualification of D-07 and D-08 Seismic Brace	0
99-0117	Evaluate Temporary 8 Inch SW Discharge from CCW HX	1
Bechtel # 6118	Primary Auxiliary Building Ventilation Calculation	February 16, 1970
N93-060	WE - PBNP Battery D305 DC System Calculation	1
N94-056	SFP HX 013A/B - SW Flow vs Temperature Requirement	2
N94-130	4160V and 480V Safeguards Buses LOV Relay Setpoints	1
N-94-158	Verification of Required AFW Pump Differential Head for Accident Flow Rate	November 15, 1994
M-09334.212- AF.1	Turbine Driven AFW Low Pressure Capability	July 10, 1997
M-09334.425- AF.1	Evaluation of Impact of Check Valve AF-100/AF-101 Replacement	0
WE 0005-10	Determination of Time Available to Isolate the RWST	0
WE 300060	Piping System Qualification Report, Service Water Piping	1
WE 300068	Piping System Qualification Report - Service Water Piping, Return from HX-13A and HX-13B	0

CONDITION REPORTS (CRs) GENERATED DURING INSPECTION

<u>Number</u>	<u>Description</u>	<u>Rev/Date</u>
CAP001871	QA Calculation Cannot Be Found in Controlled Records	January 15, 2002
CAP001877	FSAR Discrepancy on Definition of RG 1.97 Category 2	January 16, 2002
CAP001886	Incomplete 10 CFR 50.59 Screening Answer for Changes to Relief Valve CC-736A/B	January 16, 2002
CAP001897	Letdown Isolation Valve Appendix R Operation During Degraded Voltage Conditions	January 17, 2002
CAP001900	Incomplete Corrective Actions Regarding Classification of RC-427	January 17, 2002
CAP001901	FSAR Chapter 9 Changes for CFC Service Water Pressure Not Also Made in Chapter 6	January 17, 2002
CAP001910	Safety Evaluation 2000-0014 Incomplete	January 17, 2002

CONDITION REPORTS (CRs) GENERATED DURING INSPECTION

<u>Number</u>	<u>Description</u>	<u>Rev/Date</u>
CAP001915	Questioning Corrective Action for CR00-2859 on Screening Procedure Temp Change	January 18, 2002
CAP001916	Incorrect Answer to Tech Spec Change Question in 10 CFR 50.59 Evaluation	January 18, 2002
CAP003518	IT-21/22 Needs Procedural Tie	January 16, 2002

CONDITION REPORTS (CRs) GENERATED PRIOR TO INSPECTION

<u>Number</u>	<u>Description</u>	<u>Rev/Date</u>
96-1631	Unanticipated Alarm on G-03 During Start	June 28, 1997
97-0174	Incorrect SW System Design Pressure Stated in DG-M-03	January 20, 1997
97-1089	Momentary Air Bank Pressure Low Alarm Received When G03 EDG Started for Performance of TS-83	April 5, 1997
99-1618	Concern ID'd with SW System Operating Pressure During Design Basis Accident with Only 1 Unit in Operation	September 24, 1999
00-0128	P32 Thermocouple Installation Not Documented	January 11, 2000
00-0204	Inappropriate Use of Pre-Screening Criteria	January 20, 2000
00-1155	Less Than Adequate 10 CFR 50.59's	April 7, 2000
00-2841	Abnormal Operating Procedure 6E Concerns	September 22, 2000
00-2859	Installation of Temporary Gauge for AFW Pump Causes Potential to Violate Technical Specifications	September 27, 2000
01-1221	Procedures Incorrectly Exempted from 10 CFR 50.59 Screening	April 11, 2001
01-0403	Inadequate Safety Screening	February 8, 2001

DRAWINGS

<u>Number</u>	<u>Description</u>	<u>Rev/Date</u>
Enertech PD99532	Nozzle Check Valve, 3", Class 600 DRV-Z	3
EMD8413730, Sh. 3	Schematic Diagram Diesel Generator G01 Start No. 1 Circuitry	December 11, 2001
EMD8413730, Sh. 4	Schematic Diagram Diesel Generator G01 Start No. 2 Circuitry	December 11, 2001
EMD8413730, Sh. 6	Schematic Diagram Diesel Generator G01 Annunciator Part-2	November 13, 2001
MFWK 00000138	Feed Water System	38
MAFK 00000169	Auxiliary Feed Water System	69

ENGINEERING CHANGE REQUESTS (ECRs)

<u>Number</u>	<u>Description</u>	<u>Rev/Date</u>
1999-0186	MR 98-024*B	October 26, 1999

ENGINEERING CHANGE REQUESTS (ECRs)

<u>Number</u>	<u>Description</u>	<u>Rev/Date</u>
2000-0016	MR 98-024*B	March 16, 2000
2000-0020	MR 98-024*E	March 28, 2000
2000-0023	MR 98-024*B	September 18, 2000
2000-0024	MR 98-024*B	September 14, 2000
2000-0025	MR 98-024*B	September 11, 2000
2000-0026	MR 98-024*B	September 18, 2000
2000-0030	MR 98-024*E	April 4, 2000
2000-0032	MR 98-024*B	September 18, 2000
2000-0033	MR 98-024*B	September 18, 2000
2000-0034	MR 98-024*E	May 30, 2000
2000-0036	MR 98-024*E	August 22, 2000
2000-0038	MR 98-024*E	August 22, 2000
2000-0039	MR 98-024*E	April 11, 2000
2000-0040	MR 98-024*E	May 31, 2000
2000-0041	MR 98-024*E	April 5, 2000
2000-0042	MR 98-024*E	May 3, 2000
2000-0043	MR 98-024*E	April 6, 2000
2000-0044	MR 98-024*B	September 14, 2000
2000-0046	MR 98-024*E	April 7, 2000
2000-0047	MR 98-024*E	April 11, 2000
2000-0049	MR 98-024*E	April 8, 2000
2000-0050	MR 98-024*E	April 10, 2000
2000-0052	MR 98-024*E	April 10, 2000
2000-0054	MR 98-024*E	April 12, 2000
2000-0056	MR 98-024*E	April 26, 2000
2000-0060	MR 98-024*E	April 20, 2000
2000-0061	MR 98-024*E	April 26, 2000
2000-0063	MR 98-024*E	May 23, 2000
2000-0064	MR 98-024*E	April 28, 2000
2000-0066	MR 98-024*E	May 3, 2000
2000-0078	MR 98-024*E	June 1, 2000
2000-0085	MR 98-024*E	June 14, 2000
2000-0093	MR 98-024*E	June 14, 2000
2000-0094	MR 98-024*E	June 14, 2000
2000-0101	MR 98-024*E	June 19, 2000
2000-0108	MR 98-024*E	June 29, 2000
2000-0109	MR 98-024*E	July 4, 2000
2000-0112	MR 98-024*E	July 10, 2000
2000-0117	MR 98-024*E	July 8, 2000
2000-0128	MR 98-024*B	September 18, 2000
2000-0135	MR 98-024*B	September 11, 2000
2000-0137	MR 98-024*B	September 11, 2000

ENGINEERING CHANGE REQUESTS (ECRs)

<u>Number</u>	<u>Description</u>	<u>Rev/Date</u>
2000-0141	MR 98-024*B	September 13, 2000
2000-0156	MR 98-024*E	August 11, 2000
2000-0157	MR 98-024*B	October 3, 2000
2000-0158	MR 98-024*B	September 18, 2000
2000-0161	MR 98-024*B	September 18, 2000
2000-0165	MR 98-024*B	September 14, 2000
2000-0174	MR 98-024*B	October 4, 2000
2000-0204	MR 98-024*E	October 26, 2000
2001-0017	MR 98-024*E	February 14, 2001
2001-0027	MR 98-024*E	February 27, 2001

MODIFICATIONS:

<u>Number</u>	<u>Description</u>	<u>Rev/Date</u>
MR 94-048	Seismic Modifications of 1A-05, 2A-05, D-07, and D-08	February 10, 1999
MR 97-129*A	U1 Replace Check Valves AF-100 and AF-101 With a New Style	May 27, 1999
MR 98-024*B	U0 Spent Fuel Pool Cooling Service Water Alternate Supply/ Return Lines	April 28, 1999
MR 98-024*E	U0 Service Water From Component Cooling Water Heat Exchanger Return Header Piping/Isolation	January 10, 2000
MR 98-047	U1 Pressurizer Level Controller Upgrade	April 13, 1998
MR 99-005*C	Instrument Air Containment Isolation Valve Trim Package Replacement	June 17, 1999
MR 99-0055	Instrument Air Containment Isolation Valve Logic Change	February 17, 2000
MR 99-029*A	AFW Pump P-38A Minimum Flow Re-circulation Line Orifice	January 28, 2000
MR 00-051	RWST (T-013) Vent Upgrade - Unit 1	June 12, 2000
MR 00-070	Elimination of Nuisance Low Starting Air Pressure Alarms During EDG Start of G01	May 21, 2001

PROCEDURES

<u>Number</u>	<u>Description</u>	<u>Rev/Date</u>
AOP-6E	Alternate Boration/Loss of Shutdown Margin	8 & 9
AOP-6F	Low Concentration Water Pockets in RCS	2
AOP-6H	Quadrant Power Tilt	0
AOP-27	Recovery from Inadvertent Containment Isolation (Unit 2)	0
CSP-H.1	U2 Response to Loss of Secondary Heat Sink	22
CSP-S.1	Response to Nuclear Power Generator ATWS	22
EOP-0.1	Reactor Trip Response - Unit 2	25
EOP-1.1	Safety Injection Termination (Unit 2)	28
EOP-1.3	Transfer to Containment Sump Re-circulation Unit 2	26

PROCEDURES

<u>Number</u>	<u>Description</u>	<u>Rev/Date</u>
IT-08A	Cold Start of TDAFW Pump and Valve Test (Quarterly) Unit 1	25
IT-10	Test of Electrically-Driven AFWPs and Valves (Quarterly)	43
IT-10	Temporary Change 2000-0463	39
IT-110	Instrument Air Valves (Quarterly) Unit 1	16
IT-115	Instrument Air Valves (Quarterly) Unit 2	15
IT-305B	Steam Generator B Main Feed Line Check Valves (Cold SD) Unit 2	7
IT-350	SI Check Valves (Cold Shutdown)	2
IWP96-071* A2	EDG G01 Governor Replacement Post-Modification Testing	0
NP1.1.2	Procedure and Administrative Controls	4
NP1.1.3	Procedure Preparation Review and Approval	14
NP1.1.4	Use and Adherence of Procedures and Work Plans	6
NP5.1.8	10CFR50.59/72.48 Applicability, Screening and Evaluation	1
NP7.2.1	Plant Modifications	8
NP10.3.1	Authorization of Changes, Tests, and Experiments	14
OM3.7	AOP and EOP Procedure Sets Use and Adherence	10
ORT47	IA Supply Unit 1	17
ORT47	IA Supply Unit 2	14
ORT48	IA Supply Unit 1	16
ORT48	IA Supply Unit 2	12
1ICP02.003- A-1	RPS Logic Train A Monthly Surveillance Test	11 & 12
1ICP02.003- B-1	RPS Logic Train B Monthly Surveillance Test	12 & 13
1SOP-CC-001	Component Cooling System	6 & 7

REFERENCES

<u>Number</u>	<u>Description</u>	<u>Rev/Date</u>
EWR 97-159	Determine Replacement Check Valve Design for AF-100/101	December 16, 1997
DBD-02	CCW System Design Basis Document	0
DBD-29	Auxiliary Building and Control Building HVAC	0
FSAR	Chapters 6 and 9	June 2001
Letter	NRC SER on Resolution of USI A-46 at PBNP	July 7, 1998
Letter	Conformance to RG 1.97 for PBNP	July 11, 1986
Memo	Hannemann to O'Brien, Follow-Up on Plant Walkdown of PAB Ventilation System,	January 17, 2002
2000-026	Manager's Supervisory Staff Meeting Minutes	May 2, 2000
NPM 99-0864	Seismic Evaluation of Auxiliary Bldg HVAC System	July 29, 1999

REFERENCES

<u>Number</u>	<u>Description</u>	<u>Rev/Date</u>
NPM 99-1099	Downgrading Seismic Classification of FW Regulating & Bypass Valves	September 28, 1999
PBF-2031	Auxiliary Building Shift Log	43
PBF-2031	Daily Logsheet	56
RG 1.97	Instrumentation For Light-Water-Cooled Nuclear Power Plants To Assess Plant And Environs Conditions During And Following An Accident - Revision 2	December 1, 1980
SPEED 2000-131	Set Point, Drawing Number, and Capacity Change for CC-736A Spare Parts Equivalency Document	November 8, 2000

50.59 EVALUATIONS(SEs)

<u>Number</u>	<u>Description</u>	<u>Rev/Date</u>
99-0075-02	Instrument Air Containment Isolation Valve Trim Pack Replacement	March 22, 2000
2000-0014	Downgrade the Seismic Design Classification of Auxiliary Building Ventilation and MFW Equipment That Isolates the Supply of MFW to the Steam Generators in FSAR	February 16, 2000
2000-0022-01	Chapter 8, DG Systems FSAR Changes	0
2000-0023-01	FSAR Phase II Review and Upgrade Project, Section 9.6 SW	August 30, 2000
2000-0044	Refueling Water Storage Tank (RWST) Seismic Upgrade	April 4, 2000
2000-0052	MR 98-024*V - Modify SI Logic for Non-Essential SW Load Isolation Valves	May 3, 2000
2000-0055	AFW Pump P-38A and P-38B Minimum Flow Recirculating Line Flow Orifice Replacement	May 10, 2000
2000-0063	MR 97-014*E, Transfer dc Supplies for Inverters 1DY-01 and 2DY-02, Install Panel D-26 and Transfer Loads to D-26	June 20, 2000
2000-0077	Changes to SW System Operating Procedures and FSAR	August 9, 2000
2000-0093	Revise Procedure for Spurious Operation of SI 851 A/B Valves	September 21, 2000
2001-0007	CCW System Closed Loop Inside Containment	0
2001-0014	MR 98-024*J - Unit 1 Containment Fan Cooler and Fan Motor Cooler Replacement	March 14, 2001
2001-0027	MR 00-103, SW Upgrades to EDG, G02	June 6, 2001
2001-0057	TRM 3.5.1/TSR 3.5.1.3 & TSR 3.5.1.3 Bases (Draft Rev. C)	October 16, 2001
2001-0216	Filling RHR Common Suction From RWST With P-33	April 3, 2001

50.59 SCREENS(SCRs)

<u>Number</u>	<u>Description</u>	<u>Rev/Date</u>
1999-0430	Replace 3" AFW Check Valves 1AF-0100 and 1AF-0101	May 28, 1999

50.59 SCREENS(SCRs)

<u>Number</u>	<u>Description</u>	<u>Rev/Date</u>
2000-0023	RMP 9200-6, Switchyard Battery D-800, D-801, and D-807 Capacity Test	0
2000-0062	Changes to PBNP 6/99 FSAR Section 8.6 120Vac Vital Instrument Power (Y)	January 28, 2000
2000-0072	Changes to PBNP June 99 FSAR Section 7.2, RPS, 7.3, ESFAS, and 7.6.1, Nuclear Instrumentation System	February 3, 2000
2000-0100	1-SOP-CC-001, Component Cooling System, Revision 2, 2-SOP-CC-001, Component Cooling System, Revision 3, PBF 2031, Auxiliary Building Shift Log, Revision 43	February 9, 2000
2000-0207	Revise TLB-59 (Tank Level Book, Diesel Generator G-03/G-04 Day Tank T-176A/B)	March 6, 2000
2000-0401	Temporary Ventilation for Main Feed Pump Motors	May 8, 2000
2000-0695	Replacement Valve and Setpoint Change for Unit 1 & 2 CC-736A/B	September 7, 2000
2000-0783	50.59 Screening, AF Vent & Drain Temporary Gauges	September 14, 2000
2000-0975	Relief Valve Capacity Change for Unit 2 CC-736A	October 28, 2000
2001-0053	Temporary Changes to EDG G-03 Temperature and Alarm Functions	January 19, 2001
2001-0067	Downgrade CCW Heat Exchanger SW Relief Valves From Safety Related to Augmented Quality	January 31, 2001
2001-0084	Service Water System Malfunction	January 26, 2001
2001-0141	Revise RMP 9367, Containment Coatings to Include Lenience on Dry Film Thickness Range for Carboguard 890	February 16, 2001
2001-0205	AOP 27, Recovery from Inadvertent Containment Isolation	March 6, 2001
2001-0208	ORT 69, Revision 21, CCW To and From 1P-1B Refueling Shutdown Unit 1	March 6, 2001
2001-0216	Filling RHR Common Suction From RWST With P-33	April 3, 2001

LIST OF INFORMATION REQUESTED

INITIAL DOCUMENT REQUEST

(Sent to Licensee on December 18, 2001)

Inspection Report: 50-266/02-002(DRS); 50-301/02-002(DRS)

Inspection Dates: January 14 -18, 2002

Inspection Procedures: IP 71111.02, "Evaluations of Changes, Tests, or Experiments"
IP 71111.17, "Permanent Plant Modifications"

Lead Inspector: George M. Hausman, (630) 829-9743

I. Information Needed for In-Office Preparation Week

The following information is needed by January 7, 2002, or sooner, to facilitate the selection of specific items that will be reviewed during the on-site inspection week. The team will select specific items from the information requested below and submit a list to your staff by January 10, 2002. We request that the specific items selected from the lists be available and ready for review on the first day of inspection. If you have any questions regarding this information, please call the team leader as soon as possible. All lists requested should cover a two year span. All information should be sent electronically (as a PDF or WordPerfect/Word document) if at all possible.

- a. List of permanent plant modifications to risk significant systems, structures, or components. For the purpose of this inspection, permanent plant modifications include permanent: (i) plant changes, (ii) design changes, (iii) set point changes, (iv) procedure changes, (v) equivalency evaluations, (vi) suitability analyses, (vii) calculations, and (viii) commercial grade dedications.
- b. List of all 10 CFR 50.59 completed evaluations involving: (i) changes to facility (modifications), (ii) procedure revisions, (iii) tests or non-routine operating configurations, (iv) changes to the UFSAR, and (v) calculations.
- c. List of all 10 CFR 50.59 screenings for changes that have been screened out as not requiring a full evaluation involving: (i) changes to facility (modifications), (ii) procedure revisions, (iii) tests or non-routine operating configurations, (iv) changes to the UFSAR, and (v) calculations.
- d. List of all 10 CFR 50.59 validations or applicability reviews done in lieu of a full 10 CFR 50.59 evaluation.
- e. List of corrective action documents (open and closed) that address the plant permanent modification process and 10 CFR 50.59 issues or concerns.

LIST OF INFORMATION REQUESTED

- f. List of special tests or experiments and non-routine operating configurations.
- g. Copies of modification procedure(s), post-modification testing procedure(s) and 10 CFR 50.59 procedures.
- h. Name(s) and phone numbers for the regulatory and technical contacts.
- i. Latest Organizational Chart.

II. **Information to be Available on First Day of Inspection (January 14, 2002)**

- a. Copies of all selected items need to be ready for the inspectors when they arrive on-site. Selected items will be relayed to the NRC coordinator/contact person by January 10th.
- b. The following information needs to be available to the team once they arrive on-site. Copies of these documents do not need to be solely available to the team as long as the inspectors have easy and unrestrained access to them.
 - Updated Final Safety Analysis Report
 - Technical Specifications
 - Latest IPE/PRA Report
 - Vendor Manuals
 - The Latest 10 CFR 50.59 FSAR Update Submittal
- c. Please ensure that all supporting documents for the selected items have been located and are readily retrievable as the team will likely be requesting these documents during the inspections. Examples of supporting documents are:
 - Calculations supporting the selected modifications or 10 CFR 50.59 evaluations
 - Post-modification tests for the selected modifications
 - Copies of other evaluations or validations referred to by a modification or 10 CFR 50.59 evaluation.
 - Drawings supporting the modifications.
 - Procedures affected by the modifications.

LIST OF INFORMATION REQUESTED

- UFSAR change papers generated due to a 10 CFR 50.59 evaluation.

III. **Information to Be Provided Throughout the Inspection**

- a. Copies of any Condition Report generated as a result of the team's questions or queries during this inspection.
- b. Copies of the list of questions submitted by the team members and the status/resolution of the information requested (provided daily during the inspection to each team member).

LIST OF INFORMATION REQUESTED

SPECIFIC DOCUMENTS REQUESTED

(Sent to Licensee on or about January 8, 2002)

Inspection Report: 50-266/02-002(DRS); 50-301/02-002(DRS)

Inspection Dates: January 14 -18, 2002

MODIFICATIONS:

<u>Number</u>	<u>Description</u>
94-048	Seismic Modifications of 1A-05, 2A-05, D-07, and D-08
95-048	U1 EDG Output Breaker Under Voltage Permissive Time Delay
96-022	U0 125 VDC Reconfiguration
96-081A	U1 - Instrument Bus Transfer Switch Installation
97-073A	U1 Add Motor Operators to SI-857A(B) Valves - Electrical
97-073C	Conversion of SI-897A and SI-897B to Fail Open Actuators From Fail Closed Actuators - Electrical
97-081A	U0 Add 2 Motor Operators to Service Water to Spent Fuel Pool Cooling Heat Exchanger Isolation Valves - Manual Only (Part 1 of 3)
97-129A	U1 Replace Check Valves AF-100 and AF-101 With a New Style
98-024B	U0 Spent Fuel Pool Cooling Service Water Alternate Supply / Return Lines
98-024E	U0 Service Water From Component Cooling Water Heat Exchanger Return Header Piping / Isolation
98-024U	Modify The Safety Injection Signals to the Service Water Non-essential Load Isolation Valves Installed Under the *H and *I Packages
98-024W	Disable Unit 2 Four-Out-Of-Six Service Water Isolation Logic
98-045A	U1 Replace RPI Electronics and Associated Components Install Cable from 1C-108 to 1C-119
98-047	U1 Pressurizer Level Controller Upgrade
99-005G	Instrument Air Containment Isolation Valve Logic Change
99-019	Facade Freeze Protection Upgrades
99-029A	Auxiliary Feedwater Pump P-38A Minimum Flow Recirculation Line Orifice
00-051	Refueling Water Storage Tank (T-013) Vent Upgrade - Unit 1
00-070	Elimination of Nuisance Low Starting Air Pressure Alarms During EDG Start - G01
01-021	Replace 1RC-427 Motor Operated Valve Actuator Motor
01-040	Replace P-32C Motor

LIST OF INFORMATION REQUESTED

50.59 EVALUATIONS

<u>Number</u>	<u>Description</u>
SE 2000-0012	MR 98-024E, Component Cooling Water Heat Exchangers Service Water Alternate Return
SE 2000-0014	Downgrade The Seismic Design Classification of Auxiliary Building Ventilation
SE 2000-0022	Changes to PBNP 6/99 FSAR Section 8.8 Diesel Generator (DG) System
SE 2000-0022-01	Changes to PBNP 6/99 FSAR Section 8.8 Diesel Generator (DG) System
SE 2000-0023	FSAR Phase II Review and Upgrade Project - Section 9.6 Service Water
SE 2000-0023-01	FSAR Phase II Review and Upgrade Project - Section 9.6 Service Water
SE 2000-0025	Freeze Seal to Support 1SI-00853C Disassembly
SE 2000-0044	Refueling Water Storage Tanks (RWST) Seismic Upgrade
SE 2000-0052	MR 98-024V Modify SI Logic for Non-Essential Service Water Load Isolation Valves
SE 2000-0063	MR 97-014E Transfer DC Supplies for Inverters 1DY-01 and 2DY-02, Install Panel D-26
SE 2000-0067	Re-Route U2 Steam Generator Pressure Transmitter 2 PT-483 Cable
SE 2000-0077	Changes to Service Water Operating Procedures and FSAR
SE 2000-0077-01	Changes to Service Water Operating Procedures and FSAR
SE 2000-0093	Revise Procedures for Spurious Operation of SI-851A/B Valves
SE 2000-0100	Temporary Modification For Containment Penetration Number 56 Unit 2
SE 2000-0124	Revision of Technical Information in FSAR Section 6.5 Leakage Detection
SE 2000-0124-01	Revision of Technical Information in FSAR Section 6.5 Leakage Detection
SE 2000-0129	Revision of Technical Information in FSAR Section 11.5 Radiation Monitoring System
SE 2001-0007	Component Cooling Water Closed Loop Inside Containment
SE 2001-0010	Temporary Power for Motor Control Center 1B-31 and 1B-32
SE 2001-0014	MR 98-024J, Unit 1 Containment Fan Cooler and Fan Motor Cooler Replacement
SE 2000-0027	MR 00-103 Service Water Upgrades to Emergency Diesel Generator G-02
SE 2001-0029	Temporary Seal Water Supply to P-134, TM 01-025
SE 2001-0034	MR 01-052 Steam Generator Blowdown Isolation Modification
SE 2001-0034-01	MR 01-052 Steam Generator Blowdown Isolation Modification
SE 2001-0040	Downgrade Component Cooling Water Heat Exchanger Service Water Valve
SE 2001-0057	TRM 3.5.1/TSR 3.5.1.3 and TSR 3.5.1.3 Bases Revision (Draft Rev. C)
SE 2001-0059	Operation of the Auxiliary Feedwater Pumps Without Cooling Water

LIST OF INFORMATION REQUESTED

50.59 SCREENS

<u>Number</u>	<u>Description</u>
SCR 2000-0023	RMP 9200-6 Switchyard Battery D-800, D-801, and D-807 Capacity Test Revision 0
SCR 2000-0062	Changes to PBNP 6/99 FSAR Section 8.5 480 Vac Electrical Distribution System
SCR 2000-0063	Changes to PBNP 6/99 FSAR Section 8.6 120 Vac Vital Instrument Power (Y)
SCR 2000-0072	Changes to PBNP 6/99 FSAR Section 7.2 Reactor Protection System, 7.3 Engineered Safety Systems
SCR 2000-0100	1-SOP-CC-001 Component Cooling System, Revision 2, 2-SOP-CC-001, Revision 3, and PBF-2031
SCR 2000-0207	Revise TLB-59 (Tank Level Book, Diesel Generator G-03/G-04 Day Tank T-176A/B)
SCR 2000-359	Engineered Safety Features System Logic Surveillance Testing Revision 0 Procedures
SCR 2000-0401	Temporary Ventilation for Main Feed Pump Motors
SCR 2000-0975	Relief Valve Capacity Change for Unit 2 CC 736A
SCR 2000-1120	Tcn 2000-0752 OP-4A Filling and Venting Reactor Coolant System
SCR 2000-1156	Unit 1 and 2 AOP-2C Auxiliary Feed Pump Steam Binding or Overheating, Revision 5
SCR 2001-0053	EDG G-03 Temporary Modification 01-002 and 01-003 for Temporary Changes to Temperature Indication
SCR 2001-0063	Revision to Operations Procedure OI 106 Facade Freeze Protection
SCR 2001-0067	Downgrade Component Cooling Water Heat Exchanger Service Water Relief Valves
SCR 2001-0070	Reactor Protection System Logic Testing Procedure Revision
SCR 2001-0084	Service Water System Malfunction
SCR 2001-0087	Emergency Diesel Generator G-01 Monthly
SCR 2001-0094	Speed 2001-003 Replacement of Amoco American Industrial Oil ISO 100 with Mobil 1 TRI-SY
SCR 2001-0116	Temporary Modification 2001-008
SCR 2001-0140	OI 151 HX-012C and D Component Cooling System Heat Exchanger Data Collection, Revision 2
SCR 2001-0141	Revise RMP 9367 Containment Coatings to Include Lenience on Dry Film Thickness Range
SCR 2001-0147	Changes to OP-8a Spent Fuel Pool Cooling Water System, IT-11, Spent Fuel Pool Cooling
SCR 2001-0176	IT 305B Steam Generator B Main Feed Line Check Valves (Cold Shutdown) Unit 2
SCR 2001-0189	Reactor Protection and Safeguards Analog Channel Calibration Procedures, Revision 1
SCR 2001-0205	AOP 27 Recovery from Inadvertent Containment Isolation, Unit 1, Revision 0
SCR 2001-0207	Unit 1 and 2 AOP-9B, Component Cooling System Malfunction, Revision 15/16

LIST OF INFORMATION REQUESTED

50.59 SCREENS

<u>Number</u>	<u>Description</u>
SCR 2001-0208	ORT 69, Revision 21, Component Cooling Water to and from 1P-1B Refueling Shutdown Unit 1
SCR 2001-0214	Set Point Document 14.2 Changes
SCR 2001-0216	Filling RHR Common Suction from RWST with P-33
SCR 2001-0243	Changes to Containment Spray Pump Test Procedures
SCR 2001-0256	In Progress MR 01-043, Installation of Monitoring Computer for Facade Freeze Protection
SCR 2001-0260	Revise Sequence of Events for Fill and Vent RHR System