



**FPL Energy**

Point Beach Nuclear Plant

August 4, 2008

NRC 2008-0043

10 CFR 50.55a

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555

Point Beach Nuclear Plant, Unit 2  
Docket 50-301  
License No. DPR-27

Filing of Owner's Inservice Inspection Summary Report for  
Point Beach Nuclear Plant Refueling Outage U2R29

FPL Energy Point Beach, LLC, is submitting inservice inspection summary reports for inspections conducted prior to and during the Point Beach Nuclear Plant (PBNP) refueling outage U2R29 that concluded on May 10, 2008. The enclosed Class 1, 2 and 3 reports are submitted pursuant to the requirements of Subarticle IWA-6240 of the 1998 Edition with Addenda through 2000 of Section XI of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code and ASME Code Case N-532-4. The IWE Class MC and IWL Class CC reports are submitted pursuant to the requirements of Subarticle IWA-6240 of the 2001 Edition with Addenda through 2003 of ASME Section XI and ASME Code Case N-532-4.

Enclosure 1 of this letter contains the summary report, which includes Form OAR-1, "Owner's Activity Reports" for inservice inspections for the Class 1, 2 and 3 components. Enclosure 2 includes a separate Form OAR-1 for Class MC and CC components. The report is for the second outage of the second period of the fourth ten-year interval for Class 1, 2 and 3 systems, and the first outage of the first period of the second ten-year interval for Class MC and CC at PBNP Unit 2.

Very truly yours,

FPL Energy Point Beach, LLC



Larry Meyer  
Site Vice President

Enclosures (2)

cc: Administrator, Region III, USNRC  
Project Manager, Point Beach Nuclear Plant, USNRC  
Resident Inspector, Point Beach Nuclear Plant, USNRC  
PSCW  
Mike Verhagen, State of Wisconsin

**ENCLOSURE 1**

**FPL ENERGY POINT BEACH, LLC  
POINT BEACH NUCLEAR PLANT, UNIT 2**

**OAR-1, OWNER'S ACTIVITY REPORT FOR INSERVICE INSPECTION  
FOR CLASS 1, 2 AND 3 COMPONENTS**

3 pages follow

## FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number U2R29 Outage Class 1, 2, and 3 ISI Examination

Plant FPLE Point Beach Nuclear Plant, 6610 Nuclear Road, Two Rivers, Wisconsin 54241

Unit No. 2 Commercial Service Date October 1, 1972 Refueling Outage No. U2R29  
(If applicable)

Current Inspection Interval Fourth  
(1st, 2nd, 3rd, 4th, other)

Current Inspection Period Second  
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the inspection plans 1998 Edition 2000 Addenda

Date and Revision of inspection plans November 2, 2007 / Revision 6


Edition and Addenda of Section XI applicable to repairs/replacements activities, if different than the inspection plans Same

Code Cases used: N-460, N-498-4 (CL 3 only), N-532-4, N-533-1, N-566-2, N-624  
(If applicable)

### CERTIFICATE OF CONFORMANCE

I certify that (a) the statements made in this report are correct; (b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI; and (c) the repair/replacement activities and evaluations supporting the completion of U2R29  
(refueling outage number)

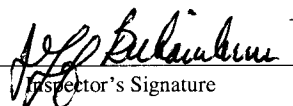
conform to the requirements of Section XI.

Signed  ISI Coordinator Date 7-22-2008  
Owner or Owner's Designee, Title

### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler of CT have inspected the items described in this Owner's Activity Report, and state that, to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the repair/replacement activities and evaluations described in this report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

 Commissions WI 929625 A.I.N  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/22/08

**Table 1**

**Items with Flaws or Relevant Conditions that  
Required Evaluation for Continued Service**

Examination Category and Item Number	Item Description	Evaluation Description
F-A F1.20C	Spring Hanger	Load identified as being low, accepted by civil/structural Engineering as being within allowable tolerances
F-A F1.20C	Constant Support	Exam identified dents and a slightly loose bolt. Civil/structural Engineering evaluated dents as being in the cover and not affecting operation of the spring, and the bolt has no identified function, therefore acceptable

**Table 2**

**Abstract of Repair/Replacement Activities Required for Continued Service**

Code Class	Item Description	Description of Work	Date Completed	Repair/ Replacement Plan Number
1	Containment Penetration, CPP-28A	Replacement of process piping to eliminate any cycle fatigue concerns	4/30/2008	2008-0010
1	Containment Penetration, CPP-28B	Replacement of process piping to eliminate any cycle fatigue concerns	4/30/2008	2008-0011
1	Containment Penetration, CPP-28C	Replacement of process piping to eliminate any cycle fatigue concerns	4/30/2008	2008-0012
1	Bellows leak detection line for valve RC-00431B	Replace cracked bellows leak detection line	5/8/2008	2008-0042
2	HX-1B SG Vent Line Sliding Support	Support replaced due to crack discovered during replacement of bent (equipment impact) SG vent line	4/29/2008	2008-0044

**ENCLOSURE 2**

**FPL ENERGY POINT BEACH, LLC  
POINT BEACH NUCLEAR PLANT, UNIT 2**

**OAR-1, OWNER'S ACTIVITY REPORT FOR INSERVICE INSPECTION  
FOR CLASS MC and CC COMPONENTS**

3 pages follow

## FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number U2R29 Outage Class MC, CC ISI Examination

Plant FPLE Point Beach Nuclear Plant, 6610 Nuclear Road, Two Rivers, Wisconsin 54241

Unit No. 2 Commercial Service Date October 1, 1972 Refueling Outage No. U2R29  
(If applicable)

Current Inspection Interval Second  
(1st, 2nd, 3rd, 4th, other)

Current Inspection Period First  
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the inspection plans 2001 Edition 2003 Addenda

Date and Revision of inspection plans September 7, 2007 / rev 0


Edition and Addenda of Section XI applicable to repairs/replacements activities, if different than the inspection plans Same

Code Cases used: N-532-4  
(If applicable)

### CERTIFICATE OF CONFORMANCE

I certify that (a) the statements made in this report are correct; (b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI; and (c) the repair/replacement activities and evaluations supporting the completion of U2R29  
(refueling outage number)


conform to the requirements of Section XI.

Signed  / IWE & IWL Program Engineer Date 7-22-08  
Owner or Owner's Designee, Title

### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler of CT have inspected the items described in this Owner's Activity Report, and state that, to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the repair/replacement activities and evaluations described in this report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

 Commissions WI 929625 A, I, N  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/24/08

**Table 1**

**Items with Flaws or Relevant Conditions that  
Required Evaluation for Continued Service**

Examination Category and Item Number	Item Description	Evaluation Description
none		



**Table 2****Abstract of Repair/Replacement Activities Required for Continued Service**

Code Class	Item Description	Description of Work	Date Completed	Repair/ Replacement Plan Number
MC	Containment Penetration, 2CPP-28A	Replacement of process piping to eliminate any cycle fatigue concerns	4/30/2008	2008-0010
MC	Containment Penetration, 2CPP-28B	Replacement of process piping to eliminate any cycle fatigue concerns	4/30/2008	2008-0011
MC	Containment Penetration, 2CPP-28C	Replacement of process piping to eliminate any cycle fatigue concerns	4/30/2008	2008-0012
MC	Containment Penetration, 2CPP-34B	Replacement of process piping to eliminate any cycle fatigue concerns	4/30/2008	2008-0013
MC	Containment Penetration, 2CPP-34C	Replacement of process piping to eliminate any cycle fatigue concerns	4/30/2008	2008-0014
MC	Containment Penetration, 2CPP-28A	Remove leak chase to prevent constrained pipe/thermal fatigue issue	4/30/2008	2008-0020
MC	Containment Penetration, 2CPP-28B	Remove leak chase to prevent constrained pipe/thermal fatigue issue	4/30/2008	2008-0021
MC	Containment Penetration, 2CPP-28C	Remove leak chase to prevent constrained pipe/thermal fatigue issue	4/30/2008	2008-0022
MC	Containment Penetration, 2CPP-28D	Remove leak chase to prevent constrained pipe/thermal fatigue issue	4/30/2008	2008-0023
MC	Containment Penetration, 2CPP-34A	Remove leak chase to prevent constrained pipe/thermal fatigue issue	4/30/2008	2008-0024
MC	Containment Penetration, 2CPP-34B	Remove leak chase to prevent constrained pipe/thermal fatigue issue	4/30/2008	2008-0025
MC	Containment Penetration, 2CPP-34C	Remove leak chase to prevent constrained pipe/thermal fatigue issue	4/30/2008	2008-0026
MC	Containment Penetration, 2CPP-34D	Remove leak chase to prevent constrained pipe/thermal fatigue issue	4/30/2008	2008-0027