



June 1, 2016

NRC 2016-0025  
10 CFR 50.73

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

Point Beach Nuclear Plant, Unit 1  
Docket 50-266  
Renewed License No. DPR-24

Licensee Event Report 266/2016-003-00  
Unit 1 Operation or Condition Prohibited by Technical Specifications

Enclosed is Licensee Event Report (LER) 266/2016-003-00 for Point Beach Nuclear Plant, Unit 1. NextEra Energy Point Beach, LLC is providing this LER to report an operation or condition prohibited by Technical Specifications.

This letter contains no new regulatory commitments.

If you have any questions please contact Mr. Bryan Woyak, Licensing Manager, at 920/755-7599.

Sincerely,

NextEra Energy Point Beach, LLC

  
Bob Coffey  
Site Vice President

Enclosure

cc: Administrator, Region III, USNRC  
Project Manager, Point Beach Nuclear Plant, USNRC  
Resident Inspector, Point Beach Nuclear Plant, USNRC  
PSCW



**LICENSEE EVENT REPORT (LER)**  
(See Page 2 for required number of digits/characters for each block)

Estimated burden per response to comply with this mandatory collection request: 80 hours. Reported lessons learned are incorporated into the licensing process and fed back to industry. Send comments regarding burden estimate to the FOIA, Privacy and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to Infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0104), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

<b>1. FACILITY NAME</b> Point Beach Nuclear Plant Unit 1	<b>2. DOCKET NUMBER</b> 05000266	<b>3. PAGE</b> 1 OF 3
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**4. TITLE**  
Operation or Condition Prohibited by Technical Specifications

5. EVENT DATE			6. LER NUMBER			7. REPORT DATE			8. OTHER FACILITIES INVOLVED	
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REV NO.	MONTH	DAY	YEAR	FACILITY NAME	DOCKET NUMBER
04	02	2016	2016	- 003	- 00	06	01	2016	NA	05000
									FACILITY NAME	DOCKET NUMBER
									NA	05000

<b>9. OPERATING MODE</b>	<b>11. THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check all that apply)</b>			
4	<input type="checkbox"/> 20.2201(b)	<input type="checkbox"/> 20.2203(a)(3)(i)	<input type="checkbox"/> 50.73(a)(2)(ii)(A)	<input type="checkbox"/> 50.73(a)(2)(viii)(A)
	<input type="checkbox"/> 20.2201(d)	<input type="checkbox"/> 20.2203(a)(3)(ii)	<input type="checkbox"/> 50.73(a)(2)(ii)(B)	<input type="checkbox"/> 50.73(a)(2)(viii)(B)
	<input type="checkbox"/> 20.2203(a)(1)	<input type="checkbox"/> 20.2203(a)(4)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(ix)(A)
	<input type="checkbox"/> 20.2203(a)(2)(i)	<input type="checkbox"/> 50.36(c)(1)(i)(A)	<input type="checkbox"/> 50.73(a)(2)(iv)(A)	<input type="checkbox"/> 50.73(a)(2)(x)
10. POWER LEVEL  0%	<input type="checkbox"/> 20.2203(a)(2)(ii)	<input type="checkbox"/> 50.36(c)(1)(ii)(A)	<input type="checkbox"/> 50.73(a)(2)(v)(A)	<input type="checkbox"/> 73.71(a)(4)
	<input type="checkbox"/> 20.2203(a)(2)(iii)	<input type="checkbox"/> 50.36(c)(2)	<input type="checkbox"/> 50.73(a)(2)(v)(B)	<input type="checkbox"/> 73.71(a)(5)
	<input type="checkbox"/> 20.2203(a)(2)(iv)	<input type="checkbox"/> 50.46(a)(3)(ii)	<input type="checkbox"/> 50.73(a)(2)(v)(C)	<input type="checkbox"/> 73.77(a)(1)
	<input type="checkbox"/> 20.2203(a)(2)(v)	<input type="checkbox"/> 50.73(a)(2)(i)(A)	<input type="checkbox"/> 50.73(a)(2)(v)(D)	<input type="checkbox"/> 73.77(a)(2)(i)
	<input type="checkbox"/> 20.2203(a)(2)(vi)	<input checked="" type="checkbox"/> 50.73(a)(2)(i)(B)	<input type="checkbox"/> 50.73(a)(2)(vii)	<input type="checkbox"/> 73.77(a)(2)(ii)
	<input type="checkbox"/> 50.73(a)(2)(i)(C)	<input type="checkbox"/> OTHER Specify in Abstract below or in NRC Form 366A		

**12. LICENSEE CONTACT FOR THIS LER**

LICENSEE CONTACT Thomas P. Schneider, Senior Licensing Engineer	TELEPHONE NUMBER (Include Area Code) 920-755-7797
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**13. COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT**

CAUSE	SYSTEM	COMPONENT	MANU-FACTURER	REPORTABLE TO EPIX	CAUSE	SYSTEM	COMPONENT	MANU-FACTURER	REPORTABLE TO EPIX
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

<b>14. SUPPLEMENTAL REPORT EXPECTED</b>	<b>15. EXPECTED SUBMISSION DATE</b>	MONTH	DAY	YEAR
<input type="checkbox"/> YES (If yes, complete 15. EXPECTED SUBMISSION DATE) <input checked="" type="checkbox"/> NO		NA	NA	NA

**ABSTRACT** (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines)

On April 2, 2016, Unit 1 entered MODE 4 from MODE 5 without satisfying all of Technical Specification 3.6.6, Containment Spray and Cooling System Limiting Conditions for Operation (LCO) as required by LCO Applicability 3.0.4.

LCO Applicability 3.0.4 does not permit entry into a MODE of applicability when an LCO is not met, unless the associated actions to be entered permit continued operation in the MODE for an unlimited time or after performance of an acceptable risk assessment and the appropriate risk management actions have been established. After entering MODE 4, it was discovered that components were not operable, contrary to LCO 3.0.4.

This event is being reported pursuant to 10 CFR 50.73(a)(2)(i)(B) for operation or condition prohibited by technical specifications.

NRC FORM 366A  
(11-2015)

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0104

EXPIRES: 10/31/2018



**LICENSEE EVENT REPORT (LER)  
CONTINUATION SHEET**

Estimated burden per response to comply with this mandatory collection request: 80 hours. Reported lessons learned are incorporated into the licensing process and fed back to industry. Send comments regarding burden estimate to the FOIA, Privacy and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to Infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOF-10202, (3150-0104), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

1. FACILITY NAME	2. DOCKET NUMBER	3. LER NUMBER		
		YEAR	SEQUENTIAL NUMBER	REV NO.
Point Beach Nuclear Plant Unit 1	05000266	2016	- 003	- 00

**NARRATIVE**

**Description of the Event:**

At 0229 on April 2, 2016, Unit 1 entered MODE 4 from MODE 5 without satisfying all of Technical Specification 3.6.6, Containment Spray and Cooling System Limiting Conditions for Operation (LCO) as required by LCO Applicability 3.0.4.

LCO Applicability 3.0.4 does not permit entry into a MODE of applicability when an LCO is not met, unless the associated actions to be entered permit continued operation in the MODE for an unlimited time or after performance of an acceptable risk assessment and the appropriate risk management actions have been established. At 0307 on April 2, 2016 it was discovered that components were not operable as required by Technical Specification LCO 3.6.6 to permit entry into MODE 4 per LCO 3.0.4. At 0308 on April 2, 2016, the affected control switches for the two Containment Accident Recirculation Fans were positioned to auto, operability was restored and LCO 3.6.6 was met.

This 60 day licensee event report is being submitted in accordance with the requirements of 10 CFR 50.73(a)(2)(i)(B).

**Cause of the Event:**

The cause of the operation or condition prohibited by technical specifications was failure to physically validate indications to ensure required equipment operability. Less than adequate oversight of the MODE transition contributed to the event.

**Analysis of the Event:**

The condition was discovered during reactor startup activities after the reactor had been shut down for several weeks for a planned refueling. The condition of the fuel in the reactor at the time of the event had a low residual heat capacity. Adequate heat removal capability for the containment is provided by two separate engineered safety features systems. These are the containment spray system and the containment air recirculation cooling system. The containment air recirculation cooling system is designed to recirculate and cool the containment atmosphere in the event of a loss of coolant accident and thereby ensure that the containment pressure cannot exceed its design values. The containment air recirculation cooling system is designed on the conservative assumption that the core residual heat is released to the containment as steam. Two of the four containment cooling units and one of two containment spray pumps will provide sufficient heat removal capability to maintain the post-accident containment pressure below the design values assuming the core residual heat is release to the containment as steam.

**Safety Significance:**

The condition was determined to be of very low safety significance. Any design basis accident that could have occurred during the 39 minutes that the containment accident recirculation fans were not operable would not have exceeded design containment pressure or temperature limits because of the relatively low reactor coolant system residual heat. Two of the four containment accident recirculation fans were operable with the balance of the safety systems, structures or components needed to shut down the reactor, maintain safe shutdown conditions, remove residual heat, control the release of radioactive material or mitigate the consequences of an accident were operable or available. There was no impact on the health and safety of the public as a result of this condition.

NRC FORM 366A  
(11-2015)

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Point Beach Nuclear Plant Unit 1	05000266	2016	- 003	- 00

**NARRATIVE**

**Corrective Actions:**

The two containment accident recirculation fans were immediately positioned to the required position for the MODE of operation. Corrective actions have been created to conduct training to all crews that will cover command and control, implementation of technical specifications, operating experience of this event, and revision to the cold to hot shutdown procedure.

**Similar Events:**

LER 2013-002-00 has reported a similar event of LCO Application 3.0.4 in the past 3 years. However, the cause and corrective action of LER 2013-002-00 are not the same as this event.

**Component Failure Data:**

None