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9-159

Point Beach Nuclear Plant

PBNP SHUTDOWN SAFETY ASSESSMENT AND FIRE CONDITION CHECKLIST

Date: May 3, 2004 Time: 0200 Preparer: James Hanna U 1 R 28

NOTE: Refer to base procedure NP 10.3.6 for safety assessment checklist KSF definitions.

NOTE: Whenever fuel has been removed from the reactor vessel and refueling cavity, all key safety functions are GREEN except spent fuel pool cooling.

KEY SAFETY FUNCTION CRITERIA: No/False = 0, Yes/True = 1 through 4

Table with 4 columns: Item, Criteria, Subtotal, Condition. Section: REACTIVITY. Items include RCS Boron concentration, Number of boration paths, No fuel motion, SR instrumentation operable.

Table with 4 columns: Item, Criteria, Subtotal, Condition. Section: CORE COOLING. Items include Number of SG available for DHR, Refueling cavity filled, Number of trains RHR available, RCS level above REDUCED INVENTORY.

Table with 4 columns: Item, Criteria, Subtotal, Condition. Section: POWER AVAILABILITY. Items include Independent off-site power sources, G-01 or G-02/A-05/B-03 available, G-03 or G-04/A-06/B-04 available, G-05 available.

Table with 4 columns: Item, Criteria, Subtotal, Condition. Section: INVENTORY. Items include Pressurizer level, Refueling Cavity filled, RCS level above REDUCED INVENTORY, Makeup from VCT/BLENDER.

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions 4

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**PBNP SHUTDOWN SAFETY ASSESSMENT AND FIRE CONDITION CHECKLIST**

CONTAINMENT		Subtotal	Condition
1.	Containment integrity (TS 15.1.D) {Containment Operable} {ITS TS 3.6.1} set (0 or 4) <u>0</u>	0	RED
2.	Containment Closure CL-1E maintained and closure < time to boil (0 or 2) <u>2</u>	1	ORANGE
3.	No fuel motion (0-1) <u>1</u>	2-3	YELLOW
4.	DHR Capability:	4-5-6	<b>GREEN</b>
	- cavity flooded and internals out ←		
	<u>OR</u>		
	- at least one SG available		
	<u>OR</u>		
	- one fan cooler with Equip hatch installed and personnel hatches capable of being shut (0-1) <u>1</u>		
	Subtotal = <u>4</u>		

**SPENT FUEL POOL COOLING**  
(ONLY APPLICABLE when starting AND during FULL CORE OFFLOADS)

**NOTE:** Take credit for only one P-12 independent offsite power source during periods of single X-03 or X-04 availability (\*).

		Subtotal	Condition
1.	"A" SFP cooling pump available with power available from:	0-1	RED
	- G-02 or G-01 via 2B-32 (0-1) <u>N/A</u>	2	ORANGE
	-(*) an independent off-site power source different than that for Train B below (0-1) <u>N/A</u>	3	YELLOW
2.	"B" SFP cooling pump available with power available from:	4-5	GREEN
	- G-03 or G-04 via 1B-42 (0-1) <u>N/A</u>		
	-(*) an independent off-site power source different than that for Train A above (0-1) <u>N/A</u>		
3.	Temporary power available to one SFP cooling pump, G-05 available, and SFP time to boil ≥ 12 hours. (0-1) <u>N/A</u>		
	Subtotal = <u>N/A</u>		

SFP Temperatures:  
 NW N/A °F  
 SE N/A °F  
 SFP Average Temp N/A °F  
 SFP Time to Boil N/A

**GIVE A BRIEF EXPLANATION OF ANY CHANGE IN SAFETY ASSESSMENT THAT TOOK PLACE:** None

**LOOK AHEAD:**

1. Sump 'B' Screens removed.
2. Only one train of RHR is available during the IT-531 testing.

Point Beach Nuclear Plant  
**PBNP SHUTDOWN SAFETY ASSESSMENT AND FIRE CONDITION CHECKLIST**  
**OUTAGE SAFETY ASSESSMENT**

UNIT:   1  

DATE:   May 3, 2004  

TIME:   0200  

**KEY SAFETY FUNCTIONS**

REACTIVITY:           GREEN

CORE COOLING:        YELLOW

POWER AVAILABLE:    GREEN

INVENTORY:           YELLOW

CONTAINMENT:        GREEN

SFP COOLING:         N/A

**COMMENTS:**

**RCS Time to Boil is 32 hours**

**Fire Protection Condition IV: Credit is taken for fire rounds as fire prevention contingency**

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