

9-21' NRC

Point Beach Nuclear Plant

PBNP SHUTDOWN SAFETY ASSESSMENT AND FIRE CONDITION CHECKLIST

Date: May 14, 2004 Time: 1400 Preparer: Jon Leiker 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. Includes items like RCS Boron concentration, Number of boration paths, No fuel motion, SR instrumentation operable. Subtotal = 5. Condition: GREEN.

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

Table with 4 columns: Item, Criteria, Subtotal, Condition. Section: POWER AVAILABILITY. Includes items like Independent off-site power sources, G-01 or G-02/A-05/B-03 available, G-05 available. Subtotal = 4. Condition: GREEN.

Table with 4 columns: Item, Criteria, Subtotal, Condition. Section: INVENTORY. Includes items like Pressurizer level >= 20 percent w/head on, Refueling Cavity filled, RCS level above REDUCED INVENTORY, Makeup from VCT/BLENDER. Subtotal = 5. Condition: GREEN.

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions 4. FOIA/PA-2004-0282

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		Subtotal	Condition
CONTAINMENT			
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 2 ³	ORANGE
3. No fuel motion	(0-1) <u>1</u>	4-5-6	YELLOW
4. DHR Capability:			GREEN
- 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>0</u>		
	Subtotal = <u>3</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>NA</u>	2	ORANGE
-(*) an independent off-site power source different than that for Train B below	(0-1) <u>NA</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>NA</u>		
-(*) an independent off-site power source different than that for Train A above	(0-1) <u>NA</u>		
3. Temporary power available to one SFP cooling pump, G-05 available, and SFP time to boil ≥ 12 hours.	(0-1) <u>NA</u>		
	Subtotal = <u>NA</u>		

SFP Temperatures:
NW NA °F
SE NA °F
SFP Average Temp NA °F
SFP Time to Boil NA

GIVE A BRIEF EXPLANATION OF ANY CHANGE IN SAFETY ASSESSMENT THAT TOOK PLACE:

RWST level is being lowered in preparation for cavity drain down (will remain >40% level).

Look-ahead: When Cavity is drained to below Rod Latch height, we will lose one point for Core Cooling (will go YELLOW) and two points for Inventory (will go YELLOW).

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OUTAGE SAFETY ASSESSMENT

UNIT: 1

DATE: May 14, 2004

TIME: 1400

KEY SAFETY FUNCTIONS:

REACTIVITY: GREEN
CORE COOLING: GREEN
POWER AVAILABLE: GREEN
INVENTORY: GREEN
CONTAINMENT: YELLOW
SFP COOLING: NA

PROTECTED EQUIPMENT:

COMMENTS:

RCS Time to Boil is 30 hours. Using NP 10.3.6 Time To Boil curves.
Fire Protection Condition IV: Credit is taken for fire rounds as fire prevention contingency

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