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PBNP SHUTDOWN SAFETY ASSESSMENT AND FIRE CONDITION CHECKLIST

Date: June 3, 2004 Time: 0200 Preparer: T. R. Branam U I 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, Description, Subtotal, Condition. Section: REACTIVITY. Items include RCS Boron concentration, boration paths, No fuel motion, SR instrumentation operable. Subtotal = 5. Condition: GREEN.

Table with 4 columns: Item, Description, 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. Subtotal = 3. Condition: GREEN.

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

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

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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: - 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>	4-5-6	GREEN
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: - G-02 or G-01 via 2B-32 - (*) an independent off-site power source different than that for Train B below (0-1) <u>NA</u>	0-1	RED
		2	ORANGE
		3	YELLOW
		4-5	GREEN
2.	"B" SFP cooling pump available with power available from: - G-03 or G-04 via 1B-42 - (*) 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:

- Core Cooling became YELLOW as RHR was re-aligned for Low Head Safety Injection.
- Fire Protection Condition I was entered as RCS Temperature exceeded 200°F.
- G-02 to be removed from service for Heat exchanger cleaning.
- K-2B returned to service after Maintenance.

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

OUTAGE SAFETY ASSESSMENT

UNIT: 1

DATE: June 3, 2004

TIME: 0200

KEY SAFETY FUNCTIONS:

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

PROTECTED EQUIPMENT:

COMMENTS:

- Core Cooling became YELLOW as RHR was re-aligned for Low Head Safety Injection.
- Fire Protection Condition I was entered as RCS Temperature exceeded 200°F.
- G-02 to be removed from service for Heat exchanger cleaning.
- K-2B returned to service after Maintenance.

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