

URC

3-64

Point Beach Nuclear Plant

PBNP SHUTDOWN SAFETY ASSESSMENT AND FIRE CONDITION CHECKLIST

Date: April 14, 2004 Time: 1400 Preparer: Andrea Longston 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, Description, Points, Subtotal, Condition. Section: REACTIVITY. Items include RCS Boron concentration, Number of boration paths, No fuel motion, SR instrumentation operable. Subtotal = 5, Condition: GREEN.

Table with 4 columns: Item, Description, Points, 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.

RCS TEMP = 98°F; 11 days shutdown; RCS 68% RCS Time to Boil 50 min (Applicable at Cold or Refueling Shutdown)

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

Table with 4 columns: Item, Description, Points, Subtotal, Condition. Section: INVENTORY. Items include Pressurizer level ≥ 20 percent w/head on, Refueling Cavity filled, RCS level above REDUCED INVENTORY, Makeup from VCT/BLENDER and/or RWST available. Subtotal = 3, Condition: GREEN.

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

S-60

Point Beach Nuclear Plant
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	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>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
			4-5	GREEN
2.	"B" SFP cooling pump available with power available from:			
	- 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:

No change from previous shift.

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

UNIT: 1

DATE: April 14, 2004

TIME: 1400

KEY SAFETY FUNCTIONS:

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

PROTECTED EQUIPMENT:

COMMENTS:

Fire Protection Condition III: Crediting existing fire rounds as fire prevention contingency
RCS Time to Boil is 50 minutes
RCS is at 68% Reactor Vessel Level
Hot Leg Vent Path is the Pressurizer Manway

ex 4