Point Beach Nuclear Plant

PBNP SHUTDOWN SAFETY ASSESSMENT AND FIRE CONDITION CHECKLIST

:	May 1, 2004 Time:	0230 Preparer:	Michael R Mey	er U	<u>1</u> R
NOTE:	Refer to base procedur	re NP 10.3.6 for safety asse	essment checklist KSF	definitions.	•
NOTE:	Whenever fuel has bee GREEN <u>except</u> spent f	en removed from the reacto fuel pool cooling.	or vessel <u>and</u> refueling	cavity, all key saft	ety functions are
KEY S	AFETY FUNCTION CRIT	ERIA: No/False = 0, Yes/	True = 1 through 4		
1.	REACTIVITY RCS Boron concentration			Subtotal	Condition
	a.) For RSD, RCS borogeneration specification (TRM 2.1) > 2200 pp. b.) For CSD and prior to	ied in unit-specific COLR pm			
	RCS boron > boron c	oncentration required by OP	3C (0-1) <u>1</u>	0-1	RED
2.	Number of boration paths		(0-2) 1	2	CHANGE
3.	No fuel motion	.11.	(0-1) 0	3-4	YELLOW
4.	SR instrumentation oper Cavity Boron concentra		(0-1)1	5	
	SFP Boron concentra		Subtotal = 3		
•	CORE COOLING		(0.0)	Subtotal	Condition
1. 2.	Number of SG available for Refueling cavity filled	or DHK	(0-2)	0-1 2	RED ORANGE
3.	Number of trains RHR ava	ailable	$(0-1)$ $\frac{1}{1}$	3	YELLOW
4.	RCS level above REDUC		$(0-1) \frac{1}{1}$	4-5	Given
RCS	Time to Boil 26.5 hrs	(Applicable at Cold or R	efueling Shutdown)		.
1.	POWER AVAILABILIT Independent off-site powe			Subtotal	Condition RED
	available to A-05 and A-06	6 (totally		2	ORANGE
	independent at the 4160 V	', 13.8 kV,	(0.0)	3	CDEEN
2.	and 345 kV levels) G-01 or G-02/A-05/B-03 a	availahle	$(0-2)$ $\frac{2}{1}$	4-5	GREEN
	G-03 or G-04/A-06/B-04 a		$(0-1)$ $\frac{1}{1}$		
3.	G-05 available, Reactor Ca	avity filled to ≥ 23 ft	` /		
	above the top of the reacto internals removed and RC		(0-1) 1		
		;	Subtotal =5		
_	INVENTORY			Subtotal	Condition
1.	Pressurizer level ≥20 perc	ent w/head on	(0.1)	0-1	RED
2.	Refueling Cavity filled (se	e definition)	$\begin{array}{c} (0-1) & 0 \\ (0-3) & 3 \\ (0-1) & 1 \end{array}$	2 3	ORANGE YELLOW
3.	RCS level above REDUCI		$(0-1) \frac{3}{1}$	4	GREEN
4.	Makeup from VCT/BLEN				
	and/or RWST available		(0-2)0		
		:	Subtotal = 4		

PBF-1562 in accordance with the Freedom of Information
Revision 2 10/30/02 Act, exemptions 4

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References: NP 10.3.6

NP 10.2.1

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	CONTAINMENT		Subtotal	Condition
ı.	Containment integrity (TS 15.1.D) {Containment		0	RED
	Operable {ITS TS 3.6.1} set	(0 or 4) <u>0</u> .	1	CAMINO
2.	Containment Closure CL-1E maintained	·	2-3	YELLOW
	and closure < time to boil	(0 or 2)2	4-5-6	CHERN
3.	No fuel motion	(0-1) 0		_
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) 1		
		Subtotal = 3		
		Subtotal = 3		

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 (*).

	<i>aramazimiy</i> ().		Subtotal	Condition
1.	"A" SFP cooling pump available		0-1	RED
	with power available from:		2	ORANGE
	- G-02 or G-01 via 2B-32	$(0-1) _{1}$	3	VELLOW
	-(*) an independent off-site power		4-5	GREEN
	source different than that for			
	Train B below	(0-1) 1		
2.	"B" SFP cooling pump available	`		
	with power available from:			
	- G-03 or G-04 via 1B-42	(0-1) 1		
	-(*) an independent off-site power	(4.)		
	source different than that for			
	Train A above	(0-1)1		
2		(0-1)		
3.	Temporary power available to one SFP cooling			
	pump, G-05 available, and SFP time to boil ≥ 12	40.43		
	hours.	(0-1)0		
SFP 7	emperatures:	Subtotal = 4		
NW	86 °F			
SE	82 °F			
SFP T	ime to Boil 20.0 hrs			

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

LOOK AHEAD:

- 1. 1X04 work to be removed outage scope per OCC.
- 2. Sump 'B' Screen scheduled to be removed on or after 5/1/04. This is not likely to occur on day shift. INVENTORY will become YELLOW.

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OUTAGE SAFETY ASSESSMENT

UNIT:	1	DATE:	May 1, 2004	TIME:	0230	
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KEY SAFETY FUNCTIONS:

REACTIVITY:

YELLOW

CORE COOLING:

YELLOW

POWER AVAILABLE:

GREEN

INVENTORY:

GREEN

CONTAINMENT:

YELLOW

SFP COOLING:

GREEN

PROTECTED EQUIPMENT:

COMMENTS:

RCS Time to Boil is 26.5 hours SFP Time to Boil is 20.0 hours (full core off-load is assumed)

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

PBF-1562 Revision 2 10/30/02 References: NP 10.3.6

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