DOCKET NO. 50-266

DATE April 8, 1986

COMPLETED BY C. W. KRAUSE

TELEPHONE 414 277 2001

### OPERATING STATUS

1. UNIT NAME: POINT BEALH NUCLEAR PLANT UNIT 1 . NOTES

2. REPORTING PERIOD: HARCH 1986

3. LICENSED THERMAL POWER (MUT): 1518.

4. NAMEPLATE RATING (GROSS NUE): 523.8

5. DESIGN ELECTRICAL RATING (NET NUE): 497.

6. MAXIMUM DEPENDABLE CAPACITY (GROSS NUE): 509.

7. MAXIMUM DEPENDABLE CAPACITY (MEI NUE): 483.

8. IF CHANGES OCCUR IN CAPACITY (MEI NUE): 483.

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET NUE): NOT APPLICABLE

10. REASONS FOR RESTRICTIONS, (IF ANY): NOT APPLICABLE

		THIS MONTH	TR TO DATE	CUMULATIVE
11.	HOURS IN REPORTING PERIOD	744	2.160	135,000
12.	NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	2,160.0	
13.	REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	634.4
14.	HOURS GENERATOR ON LINE	744.0	2,160-0	107,066.8
15.	UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	804.0
16.	GROSS THERMAL ENERGY GENERATED (MWH)	1,127,133	3,255,264	146,423,208
12.	GROSS ELECTRICAL ENERGY GENERATED (MUH)	386.700	1,114,090	49.265.770
18.	NET ELECTRICAL ENERGY GENERATED (MUH)	371,258	1,069,330	46,888,182
19.	UNIT SERVICE FACTOR	100.0	100.0	79.3
20.	UNIT AVAILABILITY FACTOR	100.0	166.0	79.9
21.	UNIT CAPACITY FACTOR (USING MDC NET)	102.9	102.1	71.1
22.	UNIT CAPACITY FACTOR (USING DER NET)	100.4	99.6	69.9
23.	UNIT FORCES OUTAGE RATE	0.0	0.0	2.3
29.	SHUTDOWNS SCHEDULED OVER WEXT & MONTHS (TYP)	E. DATE. AND DURATION	OF EACH):	

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STAR; UP: NOT SHUTDOWN

1524

8604170337 860331 PDR ADGCK 05000266

COMPLETED BY DOCKET NO. UNIT NAME DATE

TELEPHONE

414/277-2001

50-266

Point Beach Unit April 8, 1986 C. W. Krause

No.
Date
Type <sup>1</sup>
Duration (Hours)
Reason <sup>2</sup>
Method of Shutting Down Reactor <sup>3</sup>
Licensee Event Report No.
System Code 4
Component Code
Cause and Corrective Action To Prevent Recurrence

AD-28B 101-78

> S: Scheduled Forced

A- Equipment Failure (explain)

Method:

1- Manual

Maintenance or Test

Refueling

Reason:

D-

Regulatory Restriction

4- Other (explain)

Exhibit I- Same

Source

Sheets for LER File ation of Data Entry

(NUREG-0161)

Exhibit G-Instruc-

tions for Prepar-

2- Manual Scram 3- Automatic Scram

Operator Training & License Exam

Operational Error Administrative

(explain)

other foundains

DOCKET NO.	50-266					
UNIT NAME	Point Beach, Unit 1					
DATE	April 8, 1986					
COMPLETED BY	C. W. Krause					
TELEPHONE	414/277-2001					

## AVERAGE DAILY UNIT POWER LEVEL

		MONTH M	ARCH, 1986		
DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET
1	501	11	499	21	495
2	502	12	501	22	498
3	501	13	501	23	499
4	501	14	499	24	502
5	501	15	497	25	501
6	501	16	498	26	499
7	498	17	497	27	437
8	500	18	497	28	499
9	500	19	497	29	499
10	501	20	494	30	498
				31	498

## NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Docket No. 50-266

Unit Name Point Beach, Unit 1

Date April 8, 1986 Completed By C. W. Krause Telephone 114/277-2001

Unit 1 operated at approximately 499 MWe not throughout the period with no reductions in load. On March 10, 1986, the unit surpassed 49 billion knowatt hours of electrical power production.

There were no significant operating events and no LERs were issued for Unit 1 during the period.

Recently, it was determined that some of the jumper wires installed in control circuits of 20 environmentally qualified motor operated valves did not have adequate documentation to conclusively prove that the wire insulation would stand up under all required environments. Work to replace the Unit 1 associated jumper wires will be performed during the upcoming refueling outage.

The emergency diesel generator GO1 was removed from service from March 17 to March 20, 1986, for its annual inspection and overhaul. Other important maintenance included the installation of a new oxygen gas analyzer for the radioactive waste gas system. Although the gas analyzer has been completely installed, mechanical and instrumentation problems were encountered during system startup. The problems preventing operation of the system are being resolved by WE and vendor personnel.

## DATE April 8, 1986

# COMPLETED BY C. W. KRAUSE

# TELEPHONE 414 277 2001

## OPERATING STATUS

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JNIT 2				*	. 506.	485.	TEMS NUP		(NET H)	APPLI
UNIT 2				97.	. 505 .	485.	ITEMS NUR		Y (NET M	OT APPLI
UNIT 2				+35.	JE 12 509.	485.	(ITEMS NUR		SMY (NET M)	NOT APPLI
NT UNIT 2			00	+97.	MME?; 509.	£); 485.	S (ITEMS NUR		ANY (NET M)	NOT APPLI
LANT UNIT 2		.83	*	12 497.	3 MME 13 509.	(4E): 485.	NGS (ITEMS NUM		IF ANY (NE! A)	I NOT APPLI
PLANT UNIT 2		518.	*	£1: 497.	SS MWF?; 509.	MWE): 485.	INGS (ITEMS NUP		IF ANY (NET M)	THE NOT APPLI
R PLANT UNIT 2	30	1518.	23.	14.6.): 497.	PUSS MUF 1: 509.	ET MWE): 485.	WILNES (ITEMS NUP		D, IF ANY (NET M)	MAY IN NOT APPLI
AR PLANT UNIT 2	980		23.	M4£): 497.	GRASS MWE?; 509.	NET MAE): 485.	RETINGS (ITEMS NUR		ED, IF ANY (NE! M)	HRYJE NOT APPLI
LEAR PLANT UNIT 2	1980		: 523.	ET MWE): 497.	(GRASS MWF); 509.	(NET MAE): 485.	FRITINGS (ITEMS NUR		CTED, IF ANY (NET M.)	IF ANTO: NOT APPLI
CLEAR PLANT UNIT 2	H 1980		: 523.	NET MUELS 497.	T (GROSS MUE): 509.	Y (NET MWE): 485.	TY RELINGS (ITEMS NUR		ICTED, IF ANY (NET MI	LIF ANTI: NOT APPLI
NUCLEAR PLANT UNIT 2	CH 1950		: 523.	* NET MUE 1 4 97.	LIT (GRASS MME): 509.	117 (NET MME): 485.	TITY RELINGS (ITEMS NUR		TRICTED, IF ANY (NET MI	, (IF ANY): NOT APPLI
NUCLEAR PLANT UNIT 2	ARCH 1980		: 523.	6 'NET MUED: 497.	CI.Y (GRUSS MWF?: 509.	CITY (NET MME): 485.	ACITY RATINGS (ITEMS NUR		STRICTED, IF ANY (NET M.	S. (IF ANY): NOT APPLI
TH NUCLEAR PLANT UNIT 2	NARCH 1980		: 523.	ING * NET MUE): 497.	ACI, T GENSS MME?; 509.	PACITY (NET MUE): 485.	APACITY RATINGS (ITEMS NUR		RESTRICTED, IF ANY (NET M.	JRS, (IF ANY): NOT APPLI
ACH NUCLEAR PLANT UNIT 2	NARCH 1980		: 523.	TING : NET MUED: 497.	APACI, I GRASS MMF?: 509.	APACITY (NET MME): 485.	CAPACITY RATINGS (ITEMS NUM		RESTRICTED, IF ANY (NET MI	IDRS, (IF ANY): NOT APPLI
BEACH NUCLEAR PLANT UNIT 2	NARCH 1980		: 523.	CATING THET MAE IS 497.	CAPACI, T GENSS NWF :: 509.	CAPACITY (NET MME): 485.	CAPACITY RETINGS (ITEMS NUR		CH RESTRICTED, IF ANY (NET MI	JIONS, (IF ANT): NOT APPLI
BEACH NUCLEAR PLANT UNIT 2		FOLER (MUT): 1518.	23.	RATING (NET MUE): 497.	E CAPACI, Y (GROSS MUF!)	E CAPACITY (NET MME): 485.	IN CAPACITY RAILINGS (ITEMS NUM		ICH RESTRICTED, IF ANY (NET MWE): NOT APPLICABLE	ICTIONS, (IF ANT): NOT APPLICABLE
los.	+#	FOUER (MUT): 1	(6RDSS MWE): 523.	-4	LE CAPACI, Y (GROSS MUF!)		R IN CAPACITY REITHGS (ITEMS NUMBER 3 THROUGH ?) SINCE LAST	100	35	K
12.8	100	AL FOWER (MUT): 1	NG (GROSS MUE): 523.	SAL	ABLE CAPACI, Y (GROSS MUF?)	ABL	3	CAL	3	SINI
12.8	1091	MAL FOWER (MUT): 1	ING (GROSS MUE): 523.	ISAL.	BABLE CAPACI, Y (GRUSS MUF?)	DABL	CUR	ICAB	9 94	ESTRI
los.	ERIOD:	ERMAL FOUER (MUT): 1	ATING (GRUSS MUE): 523.	TRIEAL	ABLE CAPACI, Y (GROSS MUF?)	ENDABL	CUR	PLICAL	10 pm	RESIKI
POINT	PERIOD:	HERMAL FOUER (MUT): 1	TING (GROSS MUE): 523.	CTRIEAL	PENDABLE CAPACI, 7 (GRUSS MUF);	PENDABL	DCCUR	PLICAL	L 10 GH	R RESTRI
POINT	6 PERIOD:	THERMAL FOLER (MUT): 1	E RATING (GROSS MUE): 523.	LECTRICAL	ENDABLE CAPACI, I GERSS MUF?;	ENDABL	ES OCCUR	APPLICAL	VEL TO DH	OR RESTRI
POINT	NG PERIOD:	D THERMAL FOLER (MUT): 1	TE RATING (GROSS MUE): 523.	ECTRICAL	DEPENDABLE CAPACI, Y (GROSS MUF);	DEPENDABL	ES OCCUR	T APPLICAL	EVEL TO DH	FOR RESTRI
NAME: FOINT	TING PERIOD:	SED THERMAL FOUER (MUT): 1	LATE RATING (GROSS MUE): 523.	N ELECTRICAL	DEPENDABLE CAPACI, Y (GROSS MUF);	DEPENDABL	ANGES OCCUR	APPLICAL	LEVEL TO DA	NS FOR RESTRI
NAME: FOINT	TING PERIOD:	MSED THERMAL FOLER (MUT): 1	PLATE RATING (GRUSS MUE): 523.	GW ELECTRICAL	MUM DEPENDABLE CAPACI, Y (GRASS MUF);	MUN DEPENDABL	HANGES OCCUR	OT APPLICAL	R LEVEL TO WH	ONS FOR RESTRI
IT NAME: FOINT	TING PERIOD:	CENSED THERMAL FOLER (MUT): 1	MEPLATE RATING (GROSS MUE): 523.	SIGN ELECTRICAL	XIMUM DEPENDABLE CAPACI, Y (GROSS MUF);	KINUN DEPENDABL	CHANGES DUCUR	OT APPLICAL	IER LEVEL TO DA	NS FOR RESTRI
NIT NAME: FOINT	EPORTING PERIOD:	ICENSED THERMAL FOUER (MUT): 1	AMEPLATE RATING (GRUSS MUE): 523.	ESIGN ELECTRICAL	AXIMUM DEPENDABLE CAPACI, Y (GROSS MWF);	AXIMUM DEPENDABL	F CHANGES OCCUR	OT APPLICAL	DAER LEVEL TO DA	EASONS FOR RESTRI
UNIT NAME: FOINT	REPORTING PERIOD:	LICENSED THERMAL POWER (MUT): 1	NAMEPLATE RATING (GROSS MUE): 523.	DESIGN ELECTRICAL	MAXIMUM DEPENDABLE CAPACI, Y (GROSS MUF);	MAXIMUM DEPENDABL	IF CHANGES OCCUR	OT APPLICAL	POWER LEVEL TO DA	REASONS FOR RESTRI
NIT NAME: FOINT	. REPORTING PERIOD:	. LICENSED THERMAL FOUER (MUT): 1	. NAMEPLATE RATING (GROSS MUE): 523.	. DESIGN ELECTRICAL	. MAXIMUM DEPENDABLE CAPACI, T (GROSS MUF!)	. MAXIMUM DEPENDABL	. IF CHANGES OCCUR	OT APPLICAL	. POWER LEVEL TO DA	. REASONS FOR RESTRI
. UNIT NAME: FOINT	. REPORTING PERIOD:	LICENSED THERMAL POWER (MUT): 1	NAMEPLATE RATING (GROSS MUE): 523.	. DESIGN ELECTRICAL	MAXIMUM DEPENDABLE CAPACI, Y (GROSS MUF);	MAXIMUM DEPENDABL	IF CHANGES OCCUR	OT APPLICAL	POWER LEVEL TO DA	REASONS FOR RESTRI

CONOCHITAE	119,785	105,708.5	207,4	103,950.6	234,3	146,098,692	49,509,600	47,161,668	86.98	87.0	2.08	79.2	2.1	
2	2,160	2,160.0	0.0	2,149,9	0.0	03 4 50	093,	047,1	64.66	5.66	100.0	97.5	0.5	TION OF EACH):
DINGS STU	744	744.0	0.0	744.0	0.0	20,82	380,	364,380	100.0	100.0	101.0	98.0	0.0	, DATE, AND DURA
	11. HOURS IN REPORTING PERIOD	12. NUMBER OF HOURS REACTOR WAS CRITICAL	. REACTOR RESERVE SHUTDOWN HOURS	14. HOURS GENERATOR ON LINE	15. UNIT RESERVE SHUTDOWN HOURS	. GROSS THERMAL ENE	17. GROSS ELECTRICAL ENERGY GENERATED (MLH)	18. NET ELECTRICAL ENERGY GENERATED (MUH)		. UNIT AVAILABILITY FACTOR	21. UNIT CAPACITY FACTOR (USING MDC NET)	22. UNIT CAPACITY FACTOR (USING DER MET)	UNIT FORCED DUTAGE RATE	24. SHUTDOWNS SCHEDULCD OVER NEXT & MONTHS (TYPE

234.6

ULATIVE

8.98 87.0

79.2

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: NOT SHUTDOWN

# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MARCH,

1986

COMPLETED BY DOCKET NO. UNIT NAME DATE Point Beach Unit"2 C. W. April 8,

TELEPHONE 414/277-2001 Krause 1986

No.
Date
Type <sup>1</sup>
Duration (Hours)
Reason <sup>2</sup>
Method of Shutting Down Reactor <sup>3</sup>
Licensee Event Report No.
System Code <sup>4</sup>
Component Code
Cause and Corrective Action To Prevent Recurrence

S: Scheduled F: Forced

- Reason:
- A- Equipment Failure (explain)
- Maintenance or Test
- Refueling
- Regulatory Restriction
- Operator Training & License Exam
- Administrative

AD-28B (01-78)

> Operational Error (explain)

Other formit - : - !

- Method:
- 1- Manual
- 4- Other (explain) 2- Manual Scram 3- Automatic Scram
- Sheets for LER File ation of Data Entry tions for Prepar-Exhibit G-Instruc-(NUREG-0161)
- Exhibit I- Same Source

DOCKET NO. 50-301

UNIT NAME Point Beach, Unit 2

DATE April 8, 1986

COMPLETED BY C. W. Krause

TELEPHONE 414/277-2001

## AVERAGE DAILY UNIT POWER LEVEL

		MONTH M	ARCH, 1986				
DAY	AVERAGE DAILY POWER LEVEL MWE NET	DAY	AVERAGE DAILY POWER LEVEL MWE NET	DAY	AVERAGE DAILY POWER LEVEL MWE NET		
1	494	11	493	21	479		
2	496	12	494	22	486		
3	496	13	495	23	468		
4	495	14	492	24	493		
5	497	15	492	25	495		
6	494	16	491	26	491		
7	491	17	490	27	496		
8	495	18	491	28	495		
9	494	19	489	29	496		
10	492	20	487	30	472		
				31	451		

## NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Docket No. 50-301

Unit Name Point Beach, Unit 2

Date April 8, 1986 Completed By C. W. Krause Telephone 414/277-2001

Unit 2 operated at approximately 493 MWe net throughout the period with no major reductions in load.

There was no safety related maintenance performed on Unit 2 equipment during this period. However, recently it was determined that some of the jumper wires installed in the control circuits of 20 environmentally qualified motor operated valves for Unit 2 did not have adequate documentation to conclusively prove that the wire insulation would stand up under all required environments. Work is in progress to replace these jumper wires with ones that have appropriate documentation.

(414) 277-2345

VPNPD-86-173 NRC-86-31

April 10, 1986

Director of Nuclear Regulatory Operations U. S. NUCLEAR REGULATORY COMMISSION Washington, D. C. 20555

Gentlemen:

## MONTHLY OPERATING REPORTS POINT BEACH NUCLEAR PLANT

Attached are monthly operating reports for Units 1 and 2, Point Beach Nuclear Plant, for the calendar month of March 1986.

Very truly yours,

C. W. Fay Vice President Nuclear Power

Attachments

Copies to R. S. Cullen, PSCW
J. G. Keppler, NRC Region III
NRC Resident Inspector