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WISCONSIN PUBLIC SERVICE CORPORATION

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April 28, 1993

10 CFR 50, App. E

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Ladies/Gentlemen:

Docket 50-305
Operating License DPR-43
Kewaunee Nuclear Power Plant
Emergency Response Data System Data Point Library

On March 29, 1993, Wisconsin Public Service Corporation (WPSC) completed a software change affecting the transmitted data points identified in the Emergency Response Data System (ERDS) Data Point Library. In accordance with 10 CFR Part 50, Appendix E, Section VI.3.a, WPSC is hereby notifying you of that change in our ERDS for the Kewaunee Nuclear Power Plant (KNPP). Please use the attached forms to replace the following forms of KNPPs ERDS Data Point Library (EPMP 9.5):

FORM:	PAGE:
EPMP 9.5 - INDEX	1 of 1
EPMP 9.5 - 7	1 of 1
EPMP 9.5 - 8	1 of 1
EPMP 9.5 - 17	1 of 1
EPMP 9.5 - 18	1 of 1
EPMP 9.5 - 19	1 of 1
EPMP 9.5 - 20	1 of 1

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If you have any questions or comments regarding this submittal, please contact Russ Schaefer at (414) 433-7606.

Sincerely,



C. A. Schrock

Manager - Nuclear Engineering

RTS

Attachment

cc - KNPP Resident Inspector, US NRC w/attach.
US NRC, Region III (2 copies) w/attach.
Mr. R.S. Cullen, PSCW w/o attach.

ERDS DATA POINT LIBRARY FORM INDEX

KEWAUNEE NUCLEAR POWER PLANT

FORM NUMBER	POINT ID	GENERIC DESCRIPTION	REV.	LIBRARY SHEET REVISION DATE
1	N8020G	NUCLEAR INSTRUMENTS, POWER RANGE		04/23/91
2	N7035G	NUCLEAR INSTRU, INTERMED. RANGE		04/23/91
3	N8031G	NUCLEAR INSTRU, SOURCE RANGE		02/03/93
4	L8024G	REACTOR VESSEL WATER LEVEL		06/21/91
5	I1100G	HIGHEST TEMP AT THE CORE EXIT		04/23/91
6	T0020G	SATURATION TEMP-HIGHEST CET		04/23/91
7	F8007G	REACTOR COOLANT FLOW LOOP A	A	03/29/93
8	F8008G	REACTOR COOLANT FLOW LOOP B	A	03/29/93
9	L8013G	STEAM GENERATOR A WATER LEVEL		04/23/91
10	L8014G	STEAM GENERATOR B WATER LEVEL		04/23/91
11	P8021G	STEAM GENERATOR A PRESSURE		04/23/91
12	P8022G	STEAM GENERATOR B PRESSURE		04/23/91
13	F8009G	STM GEN A MAIN FEEDWATER FLOW		06/21/91
14	F8010G	STM GEN B MAIN FEEDWATER FLOW		06/21/91
15	F8003A	STM GEN A AUXILIARY FW FLOW		04/23/91
16	F8004A	STM GEN B AUXILIARY FW FLOW		04/23/91
17	T0419A	STM GEN A INLET TEMPERATURE	A	03/29/93
18	T0439A	STM GEN B INLET TEMPERATURE	A	03/29/93
19	T0406A	STM GEN A OUTLET TEMPERATURE	A	03/29/93
20	T0426A	STM GEN B OUTLET TEMPERATURE	A	03/29/93
21	P8023G	REACTOR COOLANT SYSTEM PRESSURE		04/23/91
22	L8015G	PRIMARY SYSTEM PRESSURIZER LEVEL		06/21/91
23	F0128G	PRIMARY SYSTEM CHARGING FLOW		04/23/91
24	F8001G	HIGH PRESS SAFETY INJECTION FLOW		02/03/93
25	F8002G	HIGH PRESS SAFETY INJECTION FLOW		02/03/93
26	F0626A	LOW PRESS SAFETY INJECTION FLOW		07/24/91
27	NOT AVAIL.	CONTAINMENT SUMP NARROW RNG LVL		04/23/91
28	L8001A	CONTAINMENT SUMP WIDE RNG LVL		04/23/91
29	G0014G	RADIOACTIVITY OF RELEASED GASSES		04/23/91
30	G0018G	RADIOACT. OF RELEASED LIQUIDS		04/23/91
31	G0015G	CONDENSER AIR EJECTOR RADIOACT.		04/23/91
32	G0114G	RADIATION LEVEL IN CONTAINMENT		04/23/91
33	G0009G	RAD LEVEL OF RCS LETDOWN LINE		04/23/91
34	G0102G	STM GEN A STEAM LINE RAD LEVEL		04/23/91
35	G0104G	STM GEN B STEAM LINE RAD LEVEL		04/23/91
36	G0019G	STM GEN BLOWDOWN RAD LEVEL		04/23/91
37	P8004A	CONTAINMENT PRESSURE		02/03/93
38	T1000A	CONTAINMENT TEMPERATURE		02/03/93
39	X8001A	CONTAINMENT HYDROGEN CONCEN.		04/23/91
40	L8008A	BORATED WATER STORAGE TANK LEVEL		02/03/93
41	M0001A	WIND SPEED AT REACTOR SITE		04/23/91
42	M0002G	WIND DIRECTION AT REACTOR SITE		04/23/91
43	M0004A	AIR STABILITY AT REACTOR SITE		04/23/91

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EPMP 9.5 ERDS FORM INDEX

ERDS PARAMETERS - DATA POINT LIBRARY
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	03/29/93
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	CORE FLOW
POINT ID:	(12)	F8007G
PLANT SPEC PT DESC:	(40)	RCLA AVERAGE FLOW (LOOP A)
GENERIC/COND DESC:	(32)	REACTOR COOLANT FLOW LOOP A
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	PCT
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	0
MAX INSTR RANGE:	(10)	110
ZERO PT REF:	(6)	N/A
REF PT NOTES:	(40)	N/A
PROC OR SENS:	(1)	P (P, S)
NUMBER OF SENSORS:	(3)	3
HOW PROCESSED:	(40)	AVERAGE
SENSOR LOCATIONS:	(40)	CONTAINMENT
ALARM/TRIP SET PT:	(40)	90% REACTOR TRIP
NI DET PWR SUPPLY CUTOFF PWR LVL:	(15)	N/A
NI DET PWR SUPPLY TURN ON PWR LVL:	(15)	N/A
INSTR FAIL MODE:	(30)	LOW
TEMP COMP FOR DP XMTRS:	(3)	N (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	INSTRUMENTS: FT-411, FT-412, FT-413. 100% FLOW = 94,205 GPM (NOTE: THIS NUMBER WILL CHANGE ANNUALLY BASED ON S/G TUBE PLUGGING OR SLEEVING PERFORMED.)

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ERDS PARAMETERS - DATA POINT LIBRARY
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	03/29/93
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	CORE FLOW
POINT ID:	(12)	F8008G
PLANT SPEC PT DESC:	(40)	RCLB AVERAGE FLOW (LOOP B)
GENERIC/COND DESC:	(32)	REACTOR COOLANT FLOW LOOP B
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	PCT
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	0
MAX INSTR RANGE:	(10)	110
ZERO PT REF:	(6)	N/A
REF PT NOTES:	(40)	N/A
PROC OR SENS:	(1)	P (P, S)
NUMBER OF SENSORS:	(3)	3
HOW PROCESSED:	(40)	AVERAGE
SENSOR LOCATIONS:	(40)	CONTAINMENT
ALARM/TRIP SET PT:	(40)	90% REACTOR TRIP
NI DET PWR SUPPLY CUTOFF PWR LVL:	(15)	N/A
NI DET PWR SUPPLY TURN ON PWR LVL:	(15)	N/A
INSTR FAIL MODE:	(30)	LOW
TEMP COMP FOR DP XMTRS:	(3)	N (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	INSTRUMENTS: FT-414, FT-415, FT-416. 100% FLOW = 93,651 GPM (NOTE: THIS NUMBER WILL CHANGE ANNUALLY BASED ON S/G TUBE PLUGGING OR SLEEVING PERFORMED.)

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 Rev. A
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 ERDS PARAMETERS - DATA POINT LIBRARY
 KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	03/29/93
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	HL TEMP 1/A
POINT ID:	(12)	T0419A
PLANT SPEC PT DESC:	(40)	RCLA HOT LEG (WR) TEMP
GENERIC/COND DESC:	(32)	STM GEN A INLET TEMPERATURE
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	DEGF
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	50
MAX INSTR RANGE:	(10)	700
ZERO PT REF:	(6)	N/A
REF PT NOTES:	(40)	N/A
PROC OR SENS:	(1)	S (P, S)
NUMBER OF SENSORS:	(3)	1
HOW PROCESSED:	(40)	N/A
SENSOR LOCATIONS:	(40)	ON REACTOR COOLANT LOOP TO S/G 1A
ALARM/TRIP SET PT:	(40)	N/A
NI DET PWR SUPPLY CUTOFF PWR LVL:	(15)	N/A
NI DET PWR SUPPLY TURN ON PWR LVL:	(15)	N/A
INSTR FAIL MODE:	(30)	HIGH
TEMP COMP FOR DP XMTRS:	(3)	N/A (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	MAXIMUM RCS DESIGN TEMPERATURE IS 650 DEGREES F.

Form EPMP 9.5-17

ERDS PARAMETERS - DATA POINT LIBRARY
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	03/29/93
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	HL TEMP 2/B
POINT ID:	(12)	T0439A
PLANT SPEC PT DESC:	(40)	RCLB HOT LEG (WR) TEMP
GENERIC/COND DESC:	(32)	STM GEN B INLET TEMPERATURE
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	DEGF
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	50
MAX INSTR RANGE:	(10)	700
ZERO PT REF:	(6)	N/A
REF PT NOTES:	(40)	N/A
PROC OR SENS:	(1)	S (P, S)
NUMBER OF SENSORS:	(3)	1
HOW PROCESSED:	(40)	N/A
SENSOR LOCATIONS:	(40)	ON REACTOR COOLANT LOOP TO S/G 1B
ALARM/TRIP SET PT:	(40)	N/A
NI DET PWR SUPPLY CUTOFF PWR LVL:	(15)	N/A
NI DET PWR SUPPLY TURN ON PWR LVL:	(15)	N/A
INSTR FAIL MODE:	(30)	HIGH
TEMP COMP FOR DP XMTRS:	(3)	N/A (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	MAXIMUM RCS DESIGN TEMPERATURE IS 650 DEGREES F.

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ERDS PARAMETERS - DATA POINT LIBRARY
KEAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	03/29/93
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	CL TEMP 1/A
POINT ID:	(12)	T0406A
PLANT SPEC PT DESC:	(40)	RCLA COLD LEG (WR) TEMP
GENERIC/COND DESC:	(32)	STM GEN A OUTLET TEMPERATURE
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	DEGF
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	50
MAX INSTR RANGE:	(10)	700
ZERO PT REF:	(6)	N/A
REF PT NOTES:	(40)	N/A
PROC OR SENS:	(1)	S (P, S)
NUMBER OF SENSORS:	(3)	1
HOW PROCESSED:	(40)	N/A
SENSOR LOCATIONS:	(40)	ON RX COOLANT PUMP 1A DISCHARGE PIPING
ALARM/TRIP SET PT:	(40)	N/A
NI DET PWR SUPPLY CUTOFF PWR LVL:	(15)	N/A
NI DET PWR SUPPLY TURN ON PWR LVL:	(15)	N/A
INSTR FAIL MODE:	(30)	HIGH
TEMP COMP FOR DP XMTRS:	(3)	N/A (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	MAXIMUM RCS DESIGN TEMPERATURE IS 650 DEGREES F.

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ERDS PARAMETERS - DATA POINT LIBRARY
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	03/29/93
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	CL TEMP 2/B
POINT ID:	(12)	T0426A
PLANT SPEC PT DESC:	(40)	RCLB COLD LEG (WR) TEMP
GENERIC/COND DESC:	(32)	STM GEN B OUTLET TEMPERATURE
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	DEGF
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	50
MAX INSTR RANGE:	(10)	700
ZERO PT REF:	(6)	N/A
REF PT NOTES:	(40)	N/A
PROC OR SENS:	(1)	S (P, S)
NUMBER OF SENSORS:	(3)	1
HOW PROCESSED:	(40)	N/A
SENSOR LOCATIONS:	(40)	ON RX COOLANT PUMP 1B DISCHARGE PIPING
ALARM/TRIP SET PT:	(40)	N/A
NI DET PWR SUPPLY CUTOFF PWR LVL:	(15)	N/A
NI DET PWR SUPPLY TURN ON PWR LVL:	(15)	N/A
INSTR FAIL MODE:	(30)	HIGH
TEMP COMP FOR DP XMTRS:	(3)	N/A (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	MAXIMUM RCS DESIGN TEMPERATURE IS 650 DEGREES F.

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