

# CATEGORY

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 MARCHI, M.L.      Wisconsin Public Service Corp.  
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SUBJECT: Forwards ERDS data point library, Tables EPMP 9.5-7 & index  
 from procedure EPMP 9.5, "Control of ERDS Hardware &  
 Software."

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Wisconsin Public Service Corporation  
a subsidiary of WPS Resources Corporation  
Kewaunee Nuclear Power Plant  
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Kewaunee, WI 54216-3511  
1-820-366-0660

NRC-97-123

November 20, 1997

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

Pursuant to 10 CFR 50 Appendix E, Wisconsin Public Service Corporation hereby submits a copy of the "ERDS" data point library, Tables EPMP 9.5-7 and 9.5-8 and the Index, from our procedure EPMP 9.5, "Control of ERDS Hardware and Software." This submittal is being sent to ensure the NRC data library used for ERDS has incorporated the revisions to these two tables and the Index. All of the revised records and fields are redlined on the tables and Index.

Pursuant to 10 CFR 50.4, two additional copies of this letter and attachment are hereby submitted to Region III. Also, as required, one copy of this letter and attachment is submitted to the Kewaunee Nuclear Power Plant NRC Senior Resident Inspector.

Sincerely,

M. L. Marchi  
Manager-Nuclear Business Group

WMB/jlm

Attachment

cc - US NRC, AEOD, Mr. John Jolicoeur, w/attach  
NRC Senior Resident Inspector, w/attach.  
US NRC, Region III (2 copies), w/attach.  
Electric Division, PSCW, w/o attach.  
QA Vault, w/attach.

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## ERDS DATA POINT LIBRARY TABLE INDEX

## KEWAUNEE NUCLEAR POWER PLANT

FORM NUMBER	POINT ID	GENERIC DESCRIPTION	REV.	LIBRARY SHEET REVISION DATE
9.5-1	N8020G	NUCLEAR INSTRUMENTS, POWER RANGE	A	04/08/94
9.5-2	N7035G	NUCLEAR INSTRU, INTERMED. RANGE	A	04/08/94
9.5-3	N8031G	NUCLEAR INSTRU, SOURCE RANGE	A	04/08/94
9.5-4	L8024G	REACTOR VESSEL WATER LEVEL	A	04/08/94
9.5-5	I1100G	HIGHEST TEMP AT THE CORE EXIT	A	04/08/94
9.5-6	T0020G	SATURATION TEMP-HIGHEST CET	A	04/08/94
9.5-7	F8007G	REACTOR COOLANT FLOW LOOP A	F	11/20/97
9.5-8	F8008G	REACTOR COOLANT FLOW LOOP B	F	11/20/97
9.5-9	L8013G	STEAM GENERATOR A WATER LEVEL	A	04/08/94
9.5-10	L8014G	STEAM GENERATOR B WATER LEVEL	A	04/08/94
9.5-11	P8021G	STEAM GENERATOR A PRESSURE	A	04/08/94
9.5-12	P8022G	STEAM GENERATOR B PRESSURE	A	04/08/94
9.5-13	F8009G	STM GEN A MAIN FEEDWATER FLOW	A	04/08/94
9.5-14	F8010G	STM GEN B MAIN FEEDWATER FLOW	A	04/08/94
9.5-15	F8003A	STM GEN A AUXILIARY FW FLOW	A	04/08/94
9.5-16	F8004A	STM GEN B AUXILIARY FW FLOW	A	04/08/94
9.5-17	T0419A	STM GEN A INLET TEMPERATURE	C	03/06/95
9.5-18	T0439A	STM GEN B INLET TEMPERATURE	C	03/06/95
9.5-19	T0406A	STM GEN A OUTLET TEMPERATURE	C	03/06/95
9.5-20	T0426A	STM GEN B OUTLET TEMPERATURE	C	03/06/95
9.5-21	P8023G	REACTOR COOLANT SYSTEM PRESSURE	A	04/08/94
9.5-22	L8015G	PRIMARY SYSTEM PRESSURIZER LEVEL	A	04/08/94
9.5-23	F0128G	PRIMARY SYSTEM CMARGING FLOW	A	04/08/94
9.5-24	F8001G	HIGH PRESS SAFETY INJECTION FLOW	B	01/13/97
9.5-25	F8002G	HIGH PRESS SAFETY INJECTION FLOW	B	01/13/97
9.5-26	F0626A	LOW PRESS SAFETY INJECTION FLOW	A	04/08/94
9.5-27	NOT AVAIL.	CONTAINMENT SUMP NARROW RNG LVL	A	04/08/94
9.5-28	L8001A	CONTAINMENT SUMP WIDE RNG LVL	A	04/08/94
9.5-29	G0014G	RADIOACTIVITY OF RELEASED GASSES	C	03/06/95
9.5-30	G0018G	RADIOACT. OF RELEASED LIQUIDS	C	03/06/95
9.5-31	G0015G	CONDENSER AIR EJECTOR RADIOACT.	C	03/06/95
9.5-32	G0040G	RADIATION LEVEL IN CONTAINMENT	C	03/06/95
9.5-33	G0009G	RAD LEVEL OF RCS LETDOWN LINE	C	03/06/95
9.5-34	G0032G	STM GEN A STEAM LINE RAD LEVEL	C	03/06/95
9.5-35	G0034G	STM GEN B STEAM LINE RAD LEVEL	C	03/06/95
9.5-36	G0019G	STM GEN BLOWDOWN RAD LEVEL	C	03/06/95
9.5-37	P8004A	CONTAINMENT PRESSURE	A	04/08/94
9.5-38	T1000A	CONTAINMENT TEMPERATURE	A	04/08/94
9.5-39	X8001A	CONTAINMENT HYDROGEN CONCEN.	A	04/08/94
9.5-40	L8008A	BORATED WATER STORAGE TANK LEVEL	A	04/08/94
9.5-41	M0001A	WIND SPEED AT REACTOR SITE	A	04/08/94
9.5-42	M0002G	WIND DIRECTION AT REACTOR SITE	A	04/08/94
9.5-43	M0004A	AIR STABILITY AT REACTOR SITE	A	04/08/94

REACTOR VESSEL WATER LEVEL  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	05/26/95
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 = 89,823 GPM (NOTE: THIS NUMBER WILL CHANGE ANNUALLY BASED ON S/G TUBE PLUGGING OR SLEEVING PERFORMED.)

REACTOR COOLANT FLOW LOOP B  
 KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	05/26/95
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 = 91,076 (NOTE: THIS NUMBER WILL CHANGE ANNUALLY BASED ON S/G TUBE PLUGGING OR SLEEVING PERFORMED.)