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SUBJECT: Forwards ERDS data point library for placement on NRC data library.

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March 6, 1995

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 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 all of the revisions. All of the revised records and fields are redlined in this document.

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

BJD/jmf

Attachment

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

LICNRCIEPIS1.WP

9503100040 950306  
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P PDR

AC26

## ERDS DATA POINT LIBRARY TABLE INDEX

## KEWAUNEE NUCLEAR POWER PLANT

<u>FORM NUMBER</u>	<u>POINT ID</u>	<u>GENERIC DESCRIPTION</u>	<u>REV.</u>	<u>LIBRARY SHEET REVISION DATE</u>
9.5-1	N8020G	NUCLEAR INSTRUMENTS, POWER RANGE	A	04/08/94
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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
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9.5-35	G0034G	STM GEN B STEAM LINE RAD LEVEL	C	03/06/95
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9.5-37	P8004A	CONTAINMENT PRESSURE	A	04/08/94
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9.5-39	X8001A	CONTAINMENT HYDROGEN CONCEN.	A	04/08/94
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9.5-41	M0001A	WIND SPEED AT REACTOR SITE	A	04/08/94
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NUCLEAR INSTRUMENTS - POWER RANGE  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	04/23/91
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	NI POWER RNG
POINT ID:	(12)	N8020G
PLANT SPEC PT DESC:	(40)	NI POWER RANGE - SPDS
GENERIC/COND DESC:	(32)	NUCLEAR INSTRUMENTS, POWER RANGE
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)	120
ZERO PT REF:	(6)	N/A
REF PT NOTES:	(40)	N/A
PROC OR SENS:	(1)	P (P, S)
NUMBER OF SENSORS:	(3)	4
HOW PROCESSED:	(40)	SPDS-DV
SENSOR LOCATIONS:	(40)	CONTAINMENT
ALARM/TRIP SET PT:	(40)	25%, 103%, 105% *
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/A (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	* ALARM/TRIP SET POINTS: 25% LOW RANGE TRIP, 103% OVERPOWER ROD STOP, 105% HI FLUX TRIP.

NUCLEAR INSTRUMENTS - INTERMEDIATE RANGE  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	04/23/91
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	NI INTER RNG
POINT ID:	(12)	N7035G
PLANT SPEC PT DESC:	(40)	IR N-35 FLUX
GENERIC/COND DESC:	(32)	NUCLEAR INSTRU, INTERMED. RANGE
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	PCT
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	1.0 E-8
MAX INSTR RANGE:	(10)	100
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)	CONTAINMENT
ALARM/TRIP SET PT:	(40)	15% ROD STOP, 20% 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/A (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	FULL RANGE FISSION CHAMBER.

**NUCLEAR INSTRUMENTS - SOURCE RANGE**  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	02/03/93
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	NI SOURC RNG
POINT ID:	(12)	N8031G
PLANT SPEC PT DESC:	(40)	SR N-31 COUNTS
GENERIC/COND DESC:	(32)	NUCLEAR INSTRU, SOURCE RANGE
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	CPS
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	1.0 E-2
MAX INSTR RANGE:	(10)	1.0 E+4
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)	CONTAINMENT
ALARM/TRIP SET PT:	(40)	1.0 E+5 CPS HI FLUX 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)	DOWNSCALE
TEMP COMP FOR DP XMTRS:	(3)	N/A (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	SOURCE RANGE INSTRUMENTS ARE ENERGIZED AT ALL POWER LEVELS. FISSION CHAMBERS.

**REACTOR VESSEL WATER LEVEL**  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	06/21/91
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	REAC VES LEV
POINT ID:	(12)	L8024G
PLANT SPEC PT DESC:	(40)	REACTOR VESSEL LEVEL AVG
GENERIC/COND DESC:	(32)	REACTOR VESSEL WATER LEVEL
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)	100
ZERO PT REF:	(6)	HOTLEG
REF PT NOTES:	(40)	N/A
PROC OR SENS:	(1)	P (P, S)
NUMBER OF SENSORS:	(3)	2
HOW PROCESSED:	(40)	AVG
SENSOR LOCATIONS:	(40)	CONTAINMENT
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)	LOW
TEMP COMP FOR DP XMTRS:	(3)	N (Y, N, N/A)
LEVEL REF LEG:	(3)	DRY (DRY, WET)
UNIQUE SYS DESC:	(600)	TOP OF ACTIVE FUEL IS BELOW THE MINIMUM INSTRUMENT RANGE OF 0%.

HIGHEST TEMPERATURE AT THE CORE EXIT  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	04/23/91
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	TEMP CORE EX
POINT ID:	(12)	I1100G
PLANT SPEC PT DESC:	(40)	INST VALUE HOT INCORE TC
GENERIC/COND DESC:	(32)	HIGHEST TEMP AT THE CORE EXIT
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	DEGF
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	CRJT*
MAX INSTR RANGE:	(10)	2300
ZERO PT REF:	(6)	N/A
REF PT NOTES:	(40)	N/A
PROC OR SENS:	(1)	P (P, S)
NUMBER OF SENSORS:	(3)	39
HOW PROCESSED:	(40)	MAX
SENSOR LOCATIONS:	(40)	CONTAINMENT
ALARM/TRIP SET PT:	(40)	NONE
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/A (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	* CRJT = COLD REFERENCE JUNCTION TEMPERATURE.



**SATURATION TEMPERATURE - HIGHEST CET**  
**KEWAUNEE NUCLEAR POWER PLANT**

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	04/23/91
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	SUB MARGIN
POINT ID:	(12)	T0020G
PLANT SPEC PT DESC:	(40)	RX SUBCOOLING-MAX TC
GENERIC/COND DESC:	(32)	SATURATION TEMP-HIGHEST CET
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	DEGF
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	N/A
MAX INSTR RANGE:	(10)	N/A
ZERO PT REF:	(6)	N/A
REF PT NOTES:	(40)	N/A
PROC OR SENS:	(1)	P (P, S)
NUMBER OF SENSORS:	(3)	41
HOW PROCESSED:	(40)	CALCULATION - STEAM TABLE CALL
SENSOR LOCATIONS:	(40)	CONTAINMENT
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)	DEPENDENT UPON INPUT;TC'S-LOW.
TEMP COMP FOR DP XMTRS:	(3)	N/A (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	CALCULATION USES POINT ID I1100G (HIGHEST TEMP AT THE CORE EXIT) AS A TEMPERATURE INPUT PLUS WIDE RANGE REACTOR COOLANT SYSTEM PRESSURE AND ATMOSPHERIC PRESSURE INPUTS.

**REACTOR COOLANT FLOW LOOP A**  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	08/01/94
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 = 93,512 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)	08/01/94
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 = 94,088 GPM (NOTE: THIS NUMBER WILL CHANGE ANNUALLY BASED ON S/G TUBE PLUGGING OR SLEEVING PERFORMED.)

**STEAM GENERATOR A WATER LEVEL**  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	04/23/91
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	SG LEVEL 1/A
POINT ID:	(12)	L8013G
PLANT SPEC PT DESC:	(40)	S/G A NR LEVEL - SPDS
GENERIC/COND DESC:	(32)	STEAM GENERATOR A WATER LEVEL
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)	100
ZERO PT REF:	(6)	UTUBES
REF PT NOTES:	(40)	0% IS TOP OF S/G UTUBES.
PROC OR SENS:	(1)	P (P, S)
NUMBER OF SENSORS:	(3)	3
HOW PROCESSED:	(40)	SPDS-DV
SENSOR LOCATIONS:	(40)	CONTAINMENT
ALARM/TRIP SET PT:	(40)	AMSAC=12%, LO-LO=17%, LO=25.5%*, HI-HI=67%
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)	INSTRUMENTS: LOW
TEMP COMP FOR DP XMTRS:	(3)	Y (Y, N, N/A)
LEVEL REF LEG:	(3)	WET (DRY, WET)
UNIQUE SYS DESC:	(600)	INSTRUMENTS: LT-461, LT-462, LT-463.  HI ALARM=MAIN OR BYPASS FW FLOW CONTROL VALVE FAILS TO OPEN.  *S/G LO LEVEL 25.5% COINCIDENT WITH STEAM FLOW > FEED FLOW CAUSES A REACTOR TRIP.

STEAM GENERATOR B WATER LEVEL  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	04/23/91
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	SG LEVEL 2/B
POINT ID:	(12)	L8014G
PLANT SPEC PT DESC:	(40)	S/G B NR LEVEL - SPDS
GENERIC/COND DESC:	(32)	STEAM GENERATOR B WATER LEVEL
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)	100
ZERO PT REF:	(6)	UTUBES
REF PT NOTES:	(40)	0% IS TOP OF S/G TUBES.
PROC OR SENS:	(1)	P (P, S)
NUMBER OF SENSORS:	(3)	3
HOW PROCESSED:	(40)	SPDS-DV
SENSOR LOCATIONS:	(40)	CONTAINMENT
ALARM/TRIP SET PT:	(40)	AMSAC=12%, LO-LO=17%, LO=25.5%*, HI-HI=67%
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)	INSTRUMENTS: LOW
TEMP COMP FOR DP XMTRS:	(3)	Y (Y, N, N/A)
LEVEL REF LEG:	(3)	WET (DRY, WET)
UNIQUE SYS DESC:	(600)	INSTRUMENTS: LT-471, LT-472, LT-473.  HI ALARM=MAIN OR BYPASS FW FLOW CONTROL VALVE FAILS TO OPEN.  *S/G LO LEVEL 25.5% COINCIDENT WITH STEAM FLOW > FEED FLOW CUASES A REACTOR TRIP.

**STEAM GENERATOR A PRESSURE**  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	04/23/91
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	SG PRESS 1/A
POINT ID:	(12)	P8021G
PLANT SPEC PT DESC:	(40)	S/G A STM PRESSURE - SPDS
GENERIC/COND DESC:	(32)	STEAM GENERATOR A PRESSURE
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	PSIG
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	0
MAX INSTR RANGE:	(10)	1400
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)	SPDS-DV
SENSOR LOCATIONS:	(40)	ON 30" MS LINE OUTSIDE CONTAINMENT
ALARM/TRIP SET PT:	(40)	500 PSIG LO PRESS SI ACTUATION
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/A (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	INSTRUMENTS: PT-468, PT-469, PT-482

**STEAM GENERATOR B PRESSURE**  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	04/23/91
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	SG PRESS 2/B
POINT ID:	(12)	P8022G
PLANT SPEC PT DESC:	(40)	S/G B STM PRESSURE - SPDS
GENERIC/COND DESC:	(32)	STEAM GENERATOR B PRESSURE
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	PSIG
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	0
MAX INSTR RANGE:	(10)	1400
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)	SPDS-DV
SENSOR LOCATIONS:	(40)	ON 30" MS LINE OUTSIDE CONTAINMENT
ALARM/TRIP SET PT:	(40)	500 PSIG LO PRESS SI ACTUATION
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/A (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	INSTRUMENTS: PT-478, PT-479, PT-483.

**STEAM GENERATOR A MAIN FEEDWATER FLOW**  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	06/21/91
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	MN FD FL 1/A
POINT ID:	(12)	F8009G
PLANT SPEC PT DESC:	(40)	S/G A FW FLOW - AVG
GENERIC/COND DESC:	(32)	STM GEN A MAIN FEEDWATER FLOW
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	KLBH
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	0
MAX INSTR RANGE:	(10)	4470
ZERO PT REF:	(6)	N/A
REF PT NOTES:	(40)	N/A
PROC OR SENS:	(1)	P (P, S)
NUMBER OF SENSORS:	(3)	2
HOW PROCESSED:	(40)	AVERAGE
SENSOR LOCATIONS:	(40)	ON FEEDWATER LINE OUTSIDE CONTAINMENT
ALARM/TRIP SET PT:	(40)	SF>FF COINC. WITH 25.5% S/G LVL RX 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 OR HIGH
TEMP COMP FOR DP XMTRS:	(3)	N (Y, N, N/A)
LEVEL REF LEG:	(3)	WET (DRY, WET)
UNIQUE SYS DESC:	(600)	* ALARM/TRIP SET POINT: SF>FF 0.87 X 1.0 E+6 LBM COINCIDENT WITH 25.5% S/G LEVEL; REACTOR TRIP. STEAM FLOW > FEED FLOW ALARM. FEED FLOW > STEAM FLOW ALARM.  INSTRUMENTS: FT-466 AND FT-467



STEAM GENERATOR B MAIN FEEDWATER FLOW  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	06/21/91
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	MN FD FL 2/B
POINT ID:	(12)	F8010G
PLANT SPEC PT DESC:	(40)	S/G B FW FLOW - AVG
GENERIC/COND DESC:	(32)	STM GEN B MAIN FEEDWATER FLOW
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	KLBH
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	0
MAX INSTR RANGE:	(10)	4470
ZERO PT REF:	(6)	N/A
REF PT NOTES:	(40)	N/A
PROC OR SENS:	(1)	P (P, S)
NUMBER OF SENSORS:	(3)	2
HOW PROCESSED:	(40)	AVERAGE
SENSOR LOCATIONS:	(40)	ON FEEDWATER LINE OUTSIDE CONTAINMENT
ALARM/TRIP SET PT:	(40)	SF>FF COINC. WITH 25.5% S/G LVL RX 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 OR HIGH
TEMP COMP FOR DP XMTRS:	(3)	N (Y, N, N/A)
LEVEL REF LEG:	(3)	WET (DRY, WET)
UNIQUE SYS DESC:	(600)	* ALARM/TRIP SET POINT: SF>FF 0.87 X 1.0 E+6 LBM COINCIDENT WITH 25.5% S/G LEVEL; REACTOR TRIP. STEAM FLOW > FEED FLOW ALARM. FEED FLOW > STEAM FLOW ALARM.  INSTRUMENTS: FT-476 AND FT-477

**STEAM GENERATOR A AUXILIARY FW FLOW**  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	04/23/91
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	AX FD FL 1/A
POINT ID:	(12)	F8003A
PLANT SPEC PT DESC:	(40)	AUX FEED WTR HDR 1A FLOW
GENERIC/COND DESC:	(32)	STM GEN A AUXILIARY FW FLOW
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	GPM
ENGR UNITS CONVERS:	(40)	0 TO 380" WATER = 0 TO 500 GPM
MIN INSTR RANGE:	(10)	0
MAX INSTR RANGE:	(10)	500
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)	AUX BLDG, APPROX 50 FT DOWNSTRM OF PUMPS
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)	LOW
TEMP COMP FOR DP XMTRS:	(3)	N (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	INSTRUMENT FT-23010. THE AFW SYSTEM HAS 2 MOTOR DRIVEN PUMPS AND ONE STEAM TURBINE DRIVEN PUMP. EACH PUMP IS RATED AT 240 GPM. TWO CONDENSATE STORAGE TANKS, 75,000 GALLONS EACH, SUPPLY WATER TO THE AUX FEEDWATER PUMPS.

**STEAM GENERATOR B AUXILIARY FW FLOW**  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	04/23/91
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	AX FD FL 2/B
POINT ID:	(12)	F8004A
PLANT SPEC PT DESC:	(40)	AUX FEED WTR HDR 1B FLOW
GENERIC/COND DESC:	(32)	STM GEN B AUXILIARY FW FLOW
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	GPM
ENGR UNITS CONVERS:	(40)	0 TO 380" WATER = 0 TO 500 GPM
MIN INSTR RANGE:	(10)	0
MAX INSTR RANGE:	(10)	500
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)	AUX BLDG, APPROX 50 FT DOWNSTRM OF PUMPS
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)	LOW
TEMP COMP FOR DP XMTRS:	(3)	N (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	INSTRUMENT FT-23012. THE AFW SYSTEM HAS 2 MOTOR DRIVEN PUMPS AND ONE STEAM TURBINE DRIVEN PUMP. EACH PUMP IS RATED AT 240 GPM. TWO CONDENSATE STORAGE TANKS, 75,000 GALLONS EACH, SUPPLY WATER TO THE AUX FEEDWATER PUMPS.

**STEAM GENERATOR A INLET TEMPERATURE**  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	04/08/94
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.

**STEAM GENERATOR B INLET TEMPERATURE**  
 KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	04/08/94
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.

**STEAM GENERATOR A OUTLET TEMPERATURE**  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	04/08/94
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.

**STEAM GENERATOR B OUTLET TEMPERATURE**  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	04/08/94
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.

**REACTOR COOLANT SYSTEM PRESSURE**  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	04/23/91
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	RCS PRESSURE
POINT ID:	(12)	P8023G
PLANT SPEC PT DESC:	(40)	RCS PRESSURE - SPDS
GENERIC/COND DESC:	(32)	REACTOR COOLANT SYSTEM PRESSURE
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	PSIG
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	0
MAX INSTR RANGE:	(10)	3000
ZERO PT REF:	(6)	N/A
REF PT NOTES:	(40)	N/A
PROC OR SENS:	(1)	P (P, S)
NUMBER OF SENSORS:	(3)	5
HOW PROCESSED:	(40)	SPDS-DV
SENSOR LOCATIONS:	(40)	ON PRESSURIZER
ALARM/TRIP SET PT:	(40)	1823 PSIG, 1904 PSIG, 2377 PSIG *
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/A (Y, N, N/A)
LEVEL REF LEG:	(3)	WET (DRY, WET)
UNIQUE SYS DESC:	(600)	NORMAL RCS PRESSURE IS 2235 PSIG.  * ALARM/TRIP SET POINT: 1823 PSIG LO PRESS SI, 1904 PSIG LO PRESS TRIP, 2377 PSIG HI PRESS TRIP.



**PRIMARY SYSTEM PRESSURIZER LEVEL**  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	06/21/91
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	PRZR LEVEL
POINT ID:	(12)	L8015G
PLANT SPEC PT DESC:	(40)	PRESSURIZER LEVEL - SPDS
GENERIC/COND DESC:	(32)	PRIMARY SYSTEM PRESSURIZER LEVEL
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)	100
ZERO PT REF:	(6)	BOTTOM
REF PT NOTES:	(40)	ZERO = BOTTOM OF PRESSURIZER
PROC OR SENS:	(1)	P (P, S)
NUMBER OF SENSORS:	(3)	3
HOW PROCESSED:	(40)	SPDS-DV
SENSOR LOCATIONS:	(40)	TOP AND BOTTOM OF PRESSURIZER
ALARM/TRIP SET PT:	(40)	18.3%, 55%, 85% *
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)	WET (DRY, WET)
UNIQUE SYS DESC:	(600)	INSTRUMENTS: LT-426, LT-427, LT-428  * ALARM/TRIP SETPOINTS: 18.3% = LO ALARM, 55% = HI ALARM, 85% = HI-HI REACTOR TRIP.  TOP OF HEATER BUNDLE, LEVEL = APPROX. 17%.

**PRIMARY SYSTEM CHARGING FLOW**  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	04/23/91
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	RCS CHG/MU
POINT ID:	(12)	F0128G
PLANT SPEC PT DESC:	(40)	CHG PUMP DISCH HDR FLOW
GENERIC/COND DESC:	(32)	PRIMARY SYSTEM CHARGING FLOW
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	GPM
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)	S (P, S)
NUMBER OF SENSORS:	(3)	1
HOW PROCESSED:	(40)	N/A
SENSOR LOCATIONS:	(40)	ON 2" DIAM. HEADER AT PUMPS' DISCHARGE
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)	LOW
TEMP COMP FOR DP XMTRS:	(3)	N (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	INSTRUMENT FT-128. THREE CHARGING PUMPS. EACH PUMP HAS A DESIGN FLOWRATE OF 60.5 GPM (MAX.) AND DISCHARGE PRESSURE OF 3000. PSIG. PUMPS 1A AND 1B - AC INDUCTION MOTOR. PUMP 1C - DC MOTOR SUPPLIED BY AC POWER. NORMAL CHARGING FLOW IS 30-40 GPM.

**HIGH PRESSURE SAFETY INJECTION FLOW - PUMP A**  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	02/03/93
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	HPSI FLOW
POINT ID:	(12)	F8001G
PLANT SPEC PT DESC:	(40)	SI PUMP A DISCH FLOW
GENERIC/COND DESC:	(32)	HIGH PRESS SAFETY INJECTION FLOW
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	GPM
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	0
MAX INSTR RANGE:	(10)	500
ZERO PT REF:	(6)	N/A
REF PT NOTES:	(40)	N/A
PROC OR SENS:	(1)	P (P, S)
NUMBER OF SENSORS:	(3)	1
HOW PROCESSED:	(40)	N/A
SENSOR LOCATIONS:	(40)	ON 3" DIAM. HEADER AT PUMP'S DISCHARGE
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)	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-925

**HIGH PRESSURE SAFETY INJECTION FLOW - PUMP B**  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	02/03/93
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	HPSI FLOW
POINT ID:	(12)	F8002G
PLANT SPEC PT DESC:	(40)	SI PUMP B DISCH FLOW
GENERIC/COND DESC:	(32)	HIGH PRESS SAFETY INJECTION FLOW
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	GPM
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	0
MAX INSTR RANGE:	(10)	250
ZERO PT REF:	(6)	N/A
REF PT NOTES:	(40)	N/A
PROC OR SENS:	(1)	P (P, S)
NUMBER OF SENSORS:	(3)	1
HOW PROCESSED:	(40)	N/A
SENSOR LOCATIONS:	(40)	ON 3" DIAM. HEADER AT PUMPS' DISCHARGE
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)	
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-924

LOW PRESSURE SAFETY INJECTION FLOW  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	07/24/91
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	LP SI FLOW
POINT ID:	(12)	F0626A
PLANT SPEC PT DESC:	(40)	LO HEAD TRN A RHR TO RCS
GENERIC/COND DESC:	(32)	LOW PRESS SAFETY INJECTION FLOW
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	GPM
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	0
MAX INSTR RANGE:	(10)	6000
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)	OUTSIDE CNTMT, ON DSCHG OF RHR HTEXCH 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)	LOW
TEMP COMP FOR DP XMTRS:	(3)	N/A (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	INSTRUMENT FT-626. THIS INSTRUMENT MEASURES FLOW ENTERING RCS LOOP B COLD LEG DURING NORMAL COOLDOWN. RHR FLOW COULD ALSO BE DIVERTED TO REACTOR VESSEL INJECTION DURING ACCIDENT CONDITIONS IN WHICH CASE FT-626 WOULD INDICATE TRAIN A LPSI FLOW, HOWEVER, TRAIN B LPSI FLOW WOULD NOT BE MEASURED BY THIS FLOW TRANSMITTER. (TRAIN B LPSI FLOW TRANSMITTER FT-928 IS NOT AVAILABLE ON THE PLANT COMPUTER.)

CONTAINMENT SUMP NARROW RANGE LEVEL  
 KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	04/23/91
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	CTMNT SMP NR
POINT ID:	(12)	NOT AVAIL.
PLANT SPEC PT DESC:	(40)	
GENERIC/COND DESC:	(32)	CONTAINMENT SUMP NARROW RNG LVL
ANALOG/DIGITAL:	(1)	
ENGR UNITS/DIG ST:	(12)	
ENGR UNITS CONVERS:	(40)	
MIN INSTR RANGE:	(10)	
MAX INSTR RANGE:	(10)	
ZERO PT REF:	(6)	
REF PT NOTES:	(40)	
PROC OR SENS:	(1)	
NUMBER OF SENSORS:	(3)	
HOW PROCESSED:	(40)	
SENSOR LOCATIONS:	(40)	
ALARM/TRIP SET PT:	(40)	
NI DET PWR SUPPLY CUTOFF PWR LVL:	(15)	
NI DET PWR SUPPLY TURN ON PWR LVL:	(15)	
INSTR FAIL MODE:	(30)	
TEMP COMP FOR DP XMTRS:	(3)	
LEVEL REF LEG:	(3)	
UNIQUE SYS DESC:	(600)	

CONTAINMENT SUMP WIDE RANGE LEVEL  
 KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	04/23/91
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	CTMNT SMP WR
POINT ID:	(12)	L8001A
PLANT SPEC PT DESC:	(40)	CNTMT WIDE RANGE LEVEL A
GENERIC/COND DESC:	(32)	CONTAINMENT SUMP WIDE RNG LVL
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	FEET
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	0
MAX INSTR RANGE:	(10)	22
ZERO PT REF:	(6)	592FT*
REF PT NOTES:	(40)	BASEMENT OF CONTAINMENT
PROC OR SENS:	(1)	S (P, S)
NUMBER OF SENSORS:	(3)	1
HOW PROCESSED:	(40)	N/A
SENSOR LOCATIONS:	(40)	CONTAINMENT 592 FT LEVEL
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)	LOW
TEMP COMP FOR DP XMTRS:	(3)	N/A (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	INSTRUMENT LT-24070. * ZERO POINT REFERENCE: ELEVATION 592 FT.

**RADIOACTIVITY OF RELEASED GASSES**  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	11/19/94
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	EFF GAS RAD
POINT ID:	(12)	G0014G
PLANT SPEC PT DESC:	(40)	AUX BLDG VENT MONITOR
GENERIC/COND DESC:	(32)	RADIOACTIVITY OF RELEASED GASSES
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	CPM
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	1.0 E+1
MAX INSTR RANGE:	(10)	1.0 E+7
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)	AUX BLDG VENT STACK
ALARM/TRIP SET PT:	(40)	8.0 E+4 CPM
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/A (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	RAD MONITOR R-14, AUX BLDG VENT MONITOR B, CONSISTS OF 4 PARALLEL GM TUBES. R-14 PROVIDES AUTOMATIC INITIATION OF THE FOLLOWING ESF FUNCTION: ISOLATE NORMAL VENT EXHAUST AND START AUXILIARY BUILDING ZONE SV (SPECIAL VENTILATION).



**RADIOACTIVITY OF RELEASED LIQUIDS**  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	11/29/94
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	EFF LIQ RAD
POINT ID:	(12)	G0018G
PLANT SPEC PT DESC:	(40)	WASTE DISP LIQ EFFLUENT
GENERIC/COND DESC:	(32)	RADIOACT. OF RELEASED LIQUIDS
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	CPM
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	1.0 E+1
MAX INSTR RANGE:	(10)	1.0 E+7
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)	DISCHARGE OF WASTE CONDENSATE PUMPS
ALARM/TRIP SET PT:	(40)	3.22 E+6 CPM
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/A (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	RAD MONITOR R-18, WASTE DISPOSAL SYSTEM LIQUID EFFLUENT MONITOR - CONSISTS OF A NAI SCINT. COUNTER AND SAMPLE VOLUME CHAMBER ASSEMBLY. INITIATES AUTOMATIC CLOSURE OF VALVE WD-19 TO PREVENT FURTHER RELEASE.

CONDENSER AIR EJECTOR RADIOACTIVITY  
 KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	11/29/94
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	COND A/E RAD
POINT ID:	(12)	G0015G
PLANT SPEC PT DESC:	(40)	CDSR AIR EJECTOR EXHAUST
GENERIC/COND DESC:	(32)	CONDENSER AIR EJECTOR RADIOACT.
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	CPM
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	1.0 E+1
MAX INSTR RANGE:	(10)	1.0 E+7
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)	IN CONDENSER AIR EJECTOR EXHAUST HEADER
ALARM/TRIP SET PT:	(40)	8.0 E+4 CPM
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/A (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	RAD MONITOR R-15, CONDENSER AIR EJECTOR GAS MONITOR - CONTAINS A GAMMA SENSITIVE GM TUBE. PROVIDES THE FOLLOWING AUTOMATIC ESF ACTUATION: ISOLATE S/G BLOWDOWN AND SHIFT CONDENSER AIR EJECTOR DISCHARGE TO EXHAUST VIA AUX BLDG VENT.

RADIATION LEVEL IN CONTAINMENT  
 KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	11/29/94
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	CNTMNT RAD
POINT ID:	(12)	G0040G
PLANT SPEC PT DESC:	(40)	CNTMT AREA HI RNG R-40
GENERIC/COND DESC:	(32)	RADIATION LEVEL IN CONTAINMENT
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	R/HR
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	1.0 E+0
MAX INSTR RANGE:	(10)	1.0 E+8
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)	CONTAINMENT
ALARM/TRIP SET PT:	(40)	NONE
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/A (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	RAD MONITOR R-40, CONTAINMENT AREA HI RANGE RAD MONITOR TRAIN A - ION CHAMBER.

RADIOACTIVE LEVEL OF RCS LETDOWN LINE  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	11/29/94
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	RCS LTDN RAD
POINT ID:	(12)	G0009G
PLANT SPEC PT DESC:	(40)	LETDOWN LINE - AREA 9
GENERIC/COND DESC:	(32)	RAD LEVEL OF RCS LETDOWN LINE
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	MR/H
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	1.0 E-1
MAX INSTR RANGE:	(10)	1.0 E+5
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)	DISCHARGE OF LETDOWN HTEXCH, AUX BLDG
ALARM/TRIP SET PT:	(40)	3.00 E+2 MR/H
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/A (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	AREA RADIATION MONITOR - GM TUBE DETECTOR.

STEAM GENERATOR A STEAM LINE RADIATION LEVEL  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	11/29/94
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	MAIN SL 1/A
POINT ID:	(12)	G0032G
PLANT SPEC PT DESC:	(40)	STM LINE 1A HI R-32
GENERIC/COND DESC:	(32)	STM GEN A STEAM LINE RAD LEVEL
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	R/HR
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	1.0 E+0
MAX INSTR RANGE:	(10)	1.0 E+4
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 24" DIAM. MS VENT HEADER, AUX BLDG
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)	LOW
TEMP COMP FOR DP XMTRS:	(3)	N/A (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	RAD MONITOR R-32, HI RANGE STEAM LINE MONITOR TRAIN A - ION CHAMBER DETECTOR.

STEAM GENERATOR B STEAM LINE RADIATION LEVEL  
 KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	11/29/94
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	MAIN SL 2/B
POINT ID:	(12)	G0034G
PLANT SPEC PT DESC:	(40)	STM LINE 1B HI R-34
GENERIC/COND DESC:	(32)	STM GEN B STEAM LINE RAD LEVEL
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	R/HR
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	1.0 E+0
MAX INSTR RANGE:	(10)	1.0 E+4
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 24" DIAM. MS VENT HEADER, AUX BLDG
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)	LOW
TEMP COMP FOR DP XMTRS:	(3)	N/A (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	RAD MONITOR R-34, HI RANGE STEAM LINE MONITOR TRAIN B - ION CHAMBER DETECTOR.

**STEAM GENERATOR BLOWDOWN RADIATION LEVEL**  
**KEWAUNEE NUCLEAR POWER PLANT**

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	11/29/94
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	SG BD RAD
POINT ID:	(12)	G0019G
PLANT SPEC PT DESC:	(40)	STEAM GENERATOR BLOWDOWN
GENERIC/COND DESC:	(32)	STM GEN BLOWDOWN RAD LEVEL
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	CPM
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	1.0 E+1
MAX INSTR RANGE:	(10)	1.0 E+7
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)	DOWNSTREAM OF S/G BLOWDOWN HTEXCH'S
ALARM/TRIP SET PT:	(40)	1.29 E+6
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/A (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	STEAM GENERATOR BLOWDOWN SYSTEM LIQUID SAMPLE MONITOR R-19 - NAI SCINT. DETECTOR. PROVIDES THE FOLLOWING AUTOMATIC ESF FUNCTION: ISOLATE S/G BLOWDOWN AND SHIFT CONDENSER AIR EJECTOR DISCHARGE TO EXHAUST VIA THE AUX BLDG VENT STACK. FOLLOWING S/G BLOWDOWN ISOLATION, MANUAL VALVE MANIPULATION ALLOWS MANUAL SAMPLING IN SAMPLE ROOM. THIS RAD MONITOR IS COMMON FOR BOTH TRAIN A AND TRAIN B OF S/G BLOWDOWN.

CONTAINMENT PRESSURE  
 KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	02/03/93
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	CTMNT PRESS
POINT ID:	(12)	P8004A
PLANT SPEC PT DESC:	(40)	CNTMT PRES A1 WIDE RANGE
GENERIC/COND DESC:	(32)	CONTAINMENT PRESSURE
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	PSID
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	-5
MAX INSTR RANGE:	(10)	200
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)	OUTSIDE CNTMNT - REF. PENETR. 27NE
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)	LOW
TEMP COMP FOR DP XMTRS:	(3)	N/A (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	INSTRUMENT PT-21132



CONTAINMENT TEMPERATURE  
 KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	02/03/93
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	CTMNT TEMP
POINT ID:	(12)	T1000A REVISION
PLANT SPEC PT DESC:	(40)	CNTMT ELEVATION 626'T REVISION
GENERIC/COND DESC:	(32)	CONTAINMENT TEMPERATURE
ANALOG/DIGITAL:	(1)	A REVISION
ENGR UNITS/DIG ST:	(12)	DEG F REVISION
ENGR UNITS CONVERS:	(40)	N/A REVISION
MIN INSTR RANGE:	(10)	20 REVISION
MAX INSTR RANGE:	(10)	385 REVISION
ZERO PT REF:	(6)	NA REVISION
REF PT NOTES:	(40)	NA REVISION
PROC OR SENS:	(1)	S REVISION
NUMBER OF SENSORS:	(3)	1 REVISION
HOW PROCESSED:	(40)	N/A REVISION
SENSOR LOCATIONS:	(40)	INSIDE CONTAINMENT ELEVATION 626' REVISION
ALARM/TRIP SET PT:	(40)	N/A REVISION
NI DET PWR SUPPLY CUTOFF PWR LVL:	(15)	N/A REVISION
NI DET PWR SUPPLY TURN ON PWR LVL:	(15)	N/A REVISION
INSTR FAIL MODE:	(30)	LOW REVISION
TEMP COMP FOR DP XMTRS:	(3)	N/A REVISION
LEVEL REF LEG:	(3)	N/A REVISION
UNIQUE SYS DESC:	(600)	N/A REVISION

CONTAINMENT HYDROGEN CONCENTRATION  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	04/23/91
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	H2 CONC
POINT ID:	(12)	X8001A
PLANT SPEC PT DESC:	(40)	CNTMT H2 TRAIN A
GENERIC/COND DESC:	(32)	CONTAINMENT HYDROGEN CONCEN.
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)	10
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)	AUX BLDG 586 FT ELEVATION
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)	LOW
TEMP COMP FOR DP XMTRS:	(3)	N/A (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	MUST BE VALVED IN POST ACCIDENT TO BE VALID.

**BORATED WATER STORAGE TANK LEVEL**  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	02/03/93
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	BWST LEVEL
POINT ID:	(12)	L8008A REVISION
PLANT SPEC PT DESC:	(40)	RWST LEVEL - 24062 REVISION
GENERIC/COND DESC:	(32)	BORATED WATER STORAGE TANK LEVEL
ANALOG/DIGITAL:	(1)	A REVISION
ENGR UNITS/DIG ST:	(12)	PCT REVISION
ENGR UNITS CONVERS:	(40)	N/A REVISION
MIN INSTR RANGE:	(10)	0 REVISION
MAX INSTR RANGE:	(10)	100 REVISION
ZERO PT REF:	(6)	N/A REVISION
REF PT NOTES:	(40)	N/A REVISION
PROC OR SENS:	(1)	S REVISION
NUMBER OF SENSORS:	(3)	1 REVISION
HOW PROCESSED:	(40)	N/A REVISION
SENSOR LOCATIONS:	(40)	AUX BLDG 586' ELEVATION REVISION
ALARM/TRIP SET PT:	(40)	N/A REVISION
NI DET PWR SUPPLY CUTOFF PWR LVL:	(15)	N/A REVISION
NI DET PWR SUPPLY TURN ON PWR LVL:	(15)	N/A REVISION
INSTR FAIL MODE:	(30)	LOW REVISION
TEMP COMP FOR DP XMTRS:	(3)	N/A REVISION
LEVEL REF LEG:	(3)	N/A REVISION
UNIQUE SYS DESC:	(600)	INSTRUMENT 24062 REVISION

**WIND SPEED AT REACTOR SITE**  
 KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	04/23/91
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	WIND SPEED
POINT ID:	(12)	MOO01A
PLANT SPEC PT DESC:	(40)	PRI TWR - 60M WIND SPEED
GENERIC/COND DESC:	(32)	WIND SPEED AT REACTOR SITE
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	MPH
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	0
MAX INSTR RANGE:	(10)	100
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)	60 METER LEVEL, 1200 FT FROM CONTAINMENT
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)	LOW
TEMP COMP FOR DP XMTRS:	(3)	N/A (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	MEASURED BY A THREE-CUP ANEMOMETER.

WIND DIRECTION AT REACTOR SITE  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	04/23/91
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	WIND DIR
POINT ID:	(12)	M0002G
PLANT SPEC PT DESC:	(40)	PRI TWR - 60M WIND DIR
GENERIC/COND DESC:	(32)	WIND DIRECTION AT REACTOR SITE
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	DEGFR
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	0
MAX INSTR RANGE:	(10)	540
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)	60 METER LEVEL, 1200 FT FROM CONTAINMENT
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)	UNKNOWN
TEMP COMP FOR DP XMTRS:	(3)	N/A (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	WIND DIRECTION IS SENSED BY A WIND VANE.

**AIR STABILITY AT REACTOR SITE**  
KEWAUNEE NUCLEAR POWER PLANT

ITEM	FIELD LENGTH	KNPP ERDS DATA
DATE:	(8)	04/23/91
REACTOR UNIT:	(3)	KW1
DATA FEEDER:	(10)	N/A
NRC ERDS PARAM:	(12)	STAB CLASS
POINT ID:	(12)	M0004A
PLANT SPEC PT DESC:	(40)	PRI TWR DELTA TEMP
GENERIC/COND DESC:	(32)	AIR STABILITY AT REACTOR SITE
ANALOG/DIGITAL:	(1)	A (A, D)
ENGR UNITS/DIG ST:	(12)	DEGF
ENGR UNITS CONVERS:	(40)	N/A
MIN INSTR RANGE:	(10)	-2
MAX INSTR RANGE:	(10)	+40
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)	60 METER TOWER, 1200 FT FROM CONTAINMENT
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)	UNKNOWN
TEMP COMP FOR DP XMTRS:	(3)	N/A (Y, N, N/A)
LEVEL REF LEG:	(3)	N/A (DRY, WET)
UNIQUE SYS DESC:	(600)	AMBIENT TEMPERATURE IS MEASURED BY 4 WIRE PLATINUM RESISTANCE TEMPERATURE BULBS MOUNTED IN ASPIRATED RADIATION SHIELD ASSEMBLIES AT 10 METERS AND 60 METERS ABOVE GROUND.