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C311-94-2116

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

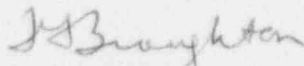
Dear Sir:

Subject: Three Mile Island Nuclear Station, Unit 1 (TMI-1)
Operating License No. DPR-50
Docket No. 50-289
Revised Emergency Response Data System (ERDS)
Data Point Library Sheets

Pursuant to 10 CFR 50 Appendix E, Part VI, Section 3.a, attached are revised data point library sheets for the TMI-1 Emergency Response Data System (ERDS). These changes became effective on August 4, 1994, and do not affect the transmission format or computer communication protocol. The following is a summary of the attached changes:

<u>Point ID</u>	<u>Changes</u>
A0992	New point measures wind velocity at site between 0 and 100 mph.
A0993	New point measures wind direction at site.
A0995	New point measures temperature delta t between 150 ft. and 33 ft.
A1000	New point measures radioactivity in plant water discharge after dilution.

Sincerely,


T. G. Broughton
Vice President and Director, TMI

DVH/mkk

Attachment

9409190225 940909
PDR ADOCK 05000289
PDR

cc: M. G. Evans - TMI Senior Resident Inspector
R. W. Hernan - TMI-1 Senior Project Manager
J. R. Jolicoeur - Senior Emergency Preparedness Specialist
T. T. Martin - Administrator, Region I

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A026
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DATA POINT LIBRARY REFERENCE FILE

DATE:	8/4/94
REACTOR UNIT:	TM1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	WIND SPEED
POINT ID:	A0992
PLANT SPEC POINT DESC.:	WW-WS-100A WIND SPEED
GENERIC/COND DESC.:	Wind Speed at Reactor Site
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	MPH
ENGR UNITS CONVERSION:	Linear
MINIMUM INSTR RANGE:	0.0
MAXIMUM INSTR RANGE:	100.0
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSORS:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	Meteorological tower at north end of island (TMI) at 100 ft elevation.
ALARM/TRIP SET POINTS:	N/A
UNIQUE SYSTEM DESC.:	Measures wind velocity at site between 0 and 100 MPH.

DATA POINT LIBRARY REFERENCE FILE

DATE:	8/4/94
REACTOR UNIT:	TM1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	WIND DIR
POINT ID:	A0993
PLANT SPEC POINT DESC.:	WW-WD-100A WIND DIRECTION
GENERIC/COND DESC.:	Wind Direction at Reactor Site
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	DEGREES
ENGR UNITS CONVERSION:	Linear
MINIMUM INSTR RANGE:	0.0
MAXIMUM INSTR RANGE:	540.0
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSORS:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	Meteorological tower at north end of island (TMI) at 100 ft. elevation.
ALARM/TRIP SET POINTS:	N/A
UNIQUE SYSTEM DESC.:	Measures wind direction at site.

DATA POINT LIBRARY REFERENCE FILE

DATE:	8/4/94
REACTOR UNIT:	TM1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	STAB CLASS
POINT ID:	A0995
PLANT SPEC POINT DESC.:	WW-TR-150A/33A DELTA T
GENERIC/COND DESC.:	Air Stability at the Reactor Site
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	DEGF
ENGR UNITS CONVERSION:	Linear
MINIMUM INSTR RANGE:	-8.0
MAXIMUM INSTR RANGE:	20.0
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSORS:	2
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	Meteorological tower at north end of island (TMI) at 150 ft. & 33 ft. elevation
ALARM/TRIP SET POINTS:	N/A
UNIQUE SYSTEM DESC.:	Measures temperature delta between 150 ft. and 33 ft. ($\Delta T = T_{150} - T_{33}$)

DATA POINT LIBRARY REFERENCE FILE

DATE:	8/4/94
REACTOR UNIT:	TM1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	EFF LIQ RAD
POINT ID:	A1000
PLANT SPEC POINT DESC.:	RM-L7 PLANT WATER DIS RAD MON
GENERIC/COND DESC.:	Radioactivity of Released Liquids
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	CPM
ENGR UNITS CONVERSION:	Exponential
MINIMUM INSTR RANGE:	10.0
MAXIMUM INSTR RANGE:	1000000.0
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSORS:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	Water discharge to river at west side of island.
ALARM/TRIP SET POINTS:	N/A
UNIQUE SYSTEM DESC.:	Measures radioactivity in plant water discharge after dilution.