AmerGen Energy Company, LLC
Oyster Creek
US Route 9 South, P.O. Box 388
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10 CFR 50, Appendix E, Sec VI.3.a

November 23, 2004
2130-04-20287

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555 - 0001

Oyster Creek Generating Station
Facility Operating License No. DPR-16
NRC Docket No. 50-219

Subject: Notification of Data Point Library Changes for the Emergency Response Data System (ERDS)

Pursuant to 10 CFR 50, Appendix E, Sec VI.3.a., this letter is to notify you of changes to our Emergency Response Data System (ERDS) data point library made on October 28, 2004 and November 16, 2004. Enclosed are copies of revised pages of the Oyster Creek Data Point Library Reference File annotated by revision bars to indicate changes dated 10/28/2004 AND 11/16/2004, respectively.

The FIVE data point revisions addressed in this change notification are as follows:

NRC ERDS Parameter	Point ID	Change Implemented
NL	HB_MWTH	October 28, 2004
Main FD Flow	HB_FWFLO	October 28, 2004
RCIC Flow	HB_RCFLO	October 28, 2004
Stab Class	DT150A	October 28, 2004
NI Power Rng	APRMPWR	November 16, 2004

As part of the installation of a new Plant Computer System, the System Requirements Specification for Oyster Creek ERDS, OC-PPC-SRS-0014 was created to control future changes to the ERDS Data Point Library. During its development it was recognized that several Alarm/Trip setpoints have been revised in the past, but not updated in the ERDS Data Point Library. A revised copy of OC-PPC-SRS-0014 in its entirety will be forwarded to the NRC to replace the existing document, VM-PC-1150, Appendix I-16.

If any further information or assistance is needed, please contact David Fawcett at 609-971-4284.

A026

Sincerely,

C. N. Swenson
Vice President, Oyster Creek Generating Station

CNS/DIF
Enclosure:

cc: S. J. Collins, Administrator, USNRC Region I
P. S. Tam, USNRC Project Manager, Oyster Creek
R. J. Summers, USNRC Senior Resident Inspector, Oyster Creek
K. Tosch, Chief NJDEP Bureau of Nuclear Engineering
File No. 04012

DATA POINT LIBRARY REFERENCE FILE

DATE:	11/16/04
REACTOR UNIT:	OY1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	NI Power Rng
POINT ID:	APRMPWR
PLANT SPEC POINT DESC.:	Average APRM Power
GENERIC/COND DESC.:	Nuclear Instruments, Power Range
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	% Power
ENGR UNITS CONVERSION:	Calculated
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	150
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSORS:	8
HOW PROCESSED:	Average of 8 APRM signals
SENSOR LOCATIONS:	Rx Core (2 per quadrant of reactor core)
ALARM/TRIP SET POINTS:	(1.47×10^{-6}) W + 20.8 for recirculation flow $\leq$ 48% rated (0.95×10^{-6}) W + 60.0 for recirculation flow $\geq$ 48% rated = 117.95 for recirculation flow $\geq$ 100%
UNIQUE SYSTEM DESC.:	

*W = CORE FLOW IN LBM/HR

DATA POINT LIBRARY REFERENCE FILE

DATE:	10/28/04
REACTOR UNIT:	OY1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	NL
POINT ID:	HB_MWTH
PLANT SPEC POINT DESC.:	Core Thermal Power
GENERIC/COND DESC.:	Core Thermal Power
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	MWT
ENGR UNITS CONVERSION:	Calculated
MINIMUM INSTR RANGE:	N/A
MAXIMUM INSTR RANGE:	N/A
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	N/A
NUMBER OF SENSORS:	11
HOW PROCESSED:	Calculated
SENSOR LOCATIONS:	N/A
ALARM/TRIP SET POINTS:	N/A
UNIQUE SYSTEM DESC.:	Calculation of steady state thermal power based primarily on feedwater flow.

DATA POINT LIBRARY REFERENCE FILE

DATE:	10/28/04
REACTOR UNIT:	OY1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	Main FD Flow
POINT ID:	HB_FWFLO
PLANT SPEC POINT DESC.:	Total Feedwater Element Flow Smoothed
GENERIC/COND DESC.:	Feedwater Flow into the Reactor System
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	LBM/HR
ENGR UNITS CONVERSION:	Square Root
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	8,000,000. LBM/HR
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSORS:	1
HOW PROCESSED:	60 second average
SENSOR LOCATIONS:	Downstream of the feedwater strings header and upstream of the reactor
ALARM/TRIP SET POINTS:	None
UNIQUE SYSTEM DESC.:	This signal is independent of the feedwater control system.

DATA POINT LIBRARY REFERENCE FILE

DATE:	10/28/04
REACTOR UNIT:	OY1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	RCIC Flow
POINT ID:	HB_RCFLO
PLANT SPEC POINT DESC.:	Total Recirc Flow (calculated)
GENERIC/COND DESC.:	Reactor Core Isolation Cooling Flow
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	GPM
ENGR UNITS CONVERSION:	Linear
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	200000.0
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSORS:	5
HOW PROCESSED:	Add
SENSOR LOCATIONS:	Downstream of recirc loop discharge valves
ALARM/TRIP SET POINTS:	N/A
UNIQUE SYSTEM DESC.:	Total recirc flow signal is also provided to the APRM flow bias unit in the neutron monitoring system.

DATA POINT LIBRARY REFERENCE FILE

DATE:	10/28/04
REACTOR UNIT:	OY1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	Stab Class
POINT ID:	DT150A
PLANT SPEC POINT DESC:	(150'-33') 15-Min Avg Delta T A
GENERIC/COND DESC:	Air Stability at the Reactor Site
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	Degrees Fahrenheit/117'
ENGR UNITS CONVERSION:	Volts to Degrees/117'
MINIMUM INSTR RANGE:	0 Volts
MAXIMUM INSTR RANGE:	5 Volts
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSORS:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	Forked River Meteorological Tower
ALARM/TRIP SET POINTS:	N/A
UNIQUE SYSTEM DESC.:	Forked River Meteorological Tower - DT150