



**INDIANA  
MICHIGAN  
POWER**

**Indiana Michigan  
Power Company**  
Nuclear Generation Group  
One Cook Place  
Bridgman, MI 49106  
aep.com

September 10, 2008

AEP-NRC-2008-35  
10 CFR Part 50, Appendix E

Docket No: 50-315

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Mail Stop O-P1-17  
Washington, D. C. 20555-0001

**SUBJECT: Donald C. Cook Nuclear Plant Unit 1  
Report of Change to Emergency Response Data System Data Point Constant**

Dear Sir or Madam:

Pursuant to 10 CFR Part 50, Appendix E, Paragraph VI.3.a, Indiana Michigan Power Company, the licensee for Donald C. Cook Nuclear Plant Unit 1, is submitting notification of a change to a data point identified in the Emergency Response Data System (ERDS) Data Point Library. The affected ERDS data point, U1612, indicates total reactor coolant system (RCS) flow. The data point was changed to reflect a new constant for RCS flow rate per reactor coolant pump.

Total RCS flow data (data point U1612) is the product of a constant value for RCS flow rate per pump (data point K0200) and a variable data value for normalized RCS flow (data point U0570). The RCS flow constant has been revised from 94,971 gpm per loop to the calculated design value of 94,862 gpm per loop. The plant process computer database has been changed to reflect the revised value for constant point K0200.

The revised Data Point Library sheet for the Total RCS Flow data point, U1612, is provided as an enclosure to this letter.

This letter contains no new or revised commitments. Should you have any questions, please contact John A. Zwolinski, Manager of Regulatory Affairs, at (269) 466-2478.

  
Sincerely,  
Joseph N. Jensen  
Site Support Services Vice President

MCS/rdw

Enclosure

AD26  
NRR

c: T. A. Beltz - NRC Washington, DC  
J. L. Caldwell - NRC Region III  
K. D. Curry - AEP Ft. Wayne  
J. T. King - MPSC  
MDEQ - WHMD/RPS  
NRC Resident Inspector

Emergency Response Data System  
Data Point Library

DATE:	September 12, 2008
REACTOR UNIT:	CK1
NRC ERDS PARAMETER:	N/A
POINT ID:	CORE FLOW
PLANT SPEC POINT DESC:	U1612
GENERIC/COND DESC:	TOTAL REACTOR COOLANT FLOW
ANALOG/DIGITAL:	A
ENG UNITS/DIG STATES:	GPM
ENG UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0.0
MAXIMUM INSTR RANGE:	397760.0
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	94862 GPM PER LOOP
PROC OR SENS:	P
NUMBER OF SENSORS:	12
HOW PROCESSED:	AVERAGE PER LOOP, SUM OF 4 LOOPS
SENSOR LOCATION:	COLD LEG SUCTION LINE TO RCP'S
ALARM/TRIP SET POINTS:	N/A
NI DETECTOR POWER SUPPLY TURN-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURN-ON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	N/A
TEMPERATURE COMPENSATION FOR DP TRANSMITTER:	N
LEVEL REFERENCE LEG:	N/A
UNIQUE SYSTEM DESC:	NFP-210, NFP-211, NFP-212, NFP-220, NFP-221, NFP-222 NFP-230, NFP-231, NFP-232, NFP-240, NFP-241, NFP-242