

# ACCELERATED DOCUMENT DISTRIBUTION SYSTEM

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AUTH. NAME      AUTHOR AFFILIATION  
HAMPTON, J.W.      Duke Power Co.  
RECIP. NAME      RECIPIENT AFFILIATION  
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SUBJECT: Forwards corrected pages 27, 28, 29, 102, 103, 104 & 171 of Data Point Library. New site directive, providing guidance re control of ERDS in process of being developed & will be in place by 931001.

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TITLE: Emergency Response Data System (ERDS)

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Duke Power Company  
Oconee Nuclear Site  
P.O. Box 1439  
Seneca, SC 29679

J. W. HAMPTON  
Vice President  
(803)885-3499 Office  
(803)885-3564 Fax



**DUKE POWER**

August 4, 1993

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

Subject: Oconee Nuclear Station  
Docket Numbers 50-269, 50-270, 50-287  
Emergency Response Data System

10CFR50, Appendix E, Section VI, 3.a. requires that any software change that affects the transmitted data points identified in the ERDS Data Point Library must be submitted to the NRC within 30 days after the changes are completed.

Emergency Planning personnel determined on July 22, 1993 that various changes had been made to the Data Point Library but were not transmitted to the NRC. They are as follows:

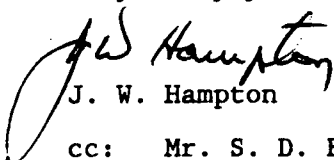
	<u>Unit 1</u>	<u>Unit 2</u>	<u>Unit 3</u>
A1536	1/6/93	6/10/93	1992
A1537	Correction	Correction	Correction
A1540	1/6/93	5/26/93	1992

Pages 27, 28, 29, 102, 103, 104, and 171 of the Data Point Library have been corrected and are attached for your information.

The present program for controlling the Data Point Library has proven to be ineffective. A new site directive is in the process of being developed that will provide specific guidance regarding the control of the Emergency Response Data System. This directive will be in place by 10/1/93.

If there are questions regarding the Emergency Response Data System, please contact Coleman Jennings at (803) 885-3294.

Very truly yours,

  
J. W. Hampton

cc: Mr. S. D. Ebnetter, Regional Administrator  
U.S. Nuclear Regulatory Commission, Region II

Mr. L. A. Wiens, Project Manager  
Oconee Project Manager

Mr. Paul Harmon  
Oconee Resident Inspector

Mr. John Jolicoeur  
Office of Analysis & Evaluation

9308100262 930804  
PDR ADOCK 05000269  
F PDR

A026 1/1

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## Oconee Emergency Response Data System

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Printed On 22-Jul-93

DATE: 7/22/93  
REACTOR UNIT: OC1  
DATA FEEDER: N/A  
NRC ERDS PARAMETER: NI SOURC RNG  
POINT ID: A1536  
PLANT SPEC POINT DESC: NI 1 SR FLUX  
GENERIC/COND DESC: NUCLEAR INSTRUMENTS, SOURCE RANGE  
ANALOG/DIGITAL: A  
ENGR UNITS/DIG STATES: CPS  
ENGR UNITS CONVERSION: N/A  
MINIMUM INSTR RANGE: .1  
MAXIMUM INSTR RANGE: 1E5  
ZERO POINT REFERENCE: N/A  
REFERENCE POINT NOTES: N/A  
PROC OR SENS: S  
NUMBER OF SENSORS: 1  
HOW PROCESSED: N/A  
SENSOR LOCATIONS: OUTSIDE OF RX VESSEL  
ALARM/TRIP SET POINTS: NONE  
NI DETECTOR CUTOFF POWER LEVEL: N/A  
NI DETECTOR CUTON POWER LEVEL: N/A  
INSTRUMENT FAILURE MODE: LOW  
TEMPERATURE COMPENSATION: N  
LEVEL REFERENCE LEG: N/A  
UNIQUE SYSTEM DESC:

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## Oconee Emergency Response Data System

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DATE: 7/22/93  
REACTOR UNIT: OC1  
DATA FEEDER: N/A  
NRC ERDS PARMETER: NI SOURC RNG  
POINT ID: A1537  
PLANT SPEC POINT DESC: NI 2 SR FLUX  
GENERIC/COND DESC: NUCLEAR INSTRUMENTS, SOURCE RANGE  
ANALOG/DIGITAL: A  
ENGR UNITS/DIG STATES: CPS  
ENGR UNITS CONVERSION: N/A  
MINIMUM INSTR RANGE: .1  
MAXIMUM INSTR RANGE: 1E6  
ZERO POINT REFERENCE: N/A  
REFERENCE POINT NOTES: N/A  
PROC OR SENS: S  
NUMBER OF SENSORS: 1  
HOW PROCESSED: N/A  
SENSOR LOCATIONS: OUTSIDE OF RX VESSEL  
ALARM/TRIP SET POINTS: NONE  
NI DETECTOR CUTOFF POWER LEVEL: N/A  
NI DETECTOR CUTON POWER LEVEL: N/A  
INSTRUMENT FAILURE MODE: LOW  
TEMPERATURE COMPENSATION: N  
LEVEL REFERENCE LEG: N/A  
UNIQUE SYSTEM DESC:

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## Oconee Emergency Response Data System

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Printed On 22-Jul-93

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DATE: 7/22/93  
REACTOR UNIT: OC1  
DATA FEEDER: N/A  
NRC ERDS PARMETER: NI INTER RNG  
POINT ID: A1540  
PLANT SPEC POINT DESC: NI 3 WR FLUX  
GENERIC/COND DESC: NUCLEAR INSTRUMENTS, INTERMEDIATE R  
ANALOG/DIGITAL: A  
ENGR UNITS/DIG STATES: PCT  
ENGR UNITS CONVERSION: N/A  
MINIMUM INSTR RANGE: 1E-8  
MAXIMUM INSTR RANGE: 2E2  
ZERO POINT REFERENCE: N/A  
REFERENCE POINT NOTES: N/A  
PROC OR SENS: S  
NUMBER OF SENSORS: 1  
HOW PROCESSED: N/A  
SENSOR LOCATIONS: OUTSIDE OF RX VESSEL  
ALARM/TRIP SET POINTS: NONE  
NI DETECTOR CUTOFF POWER LEVEL: N/A  
NI DETECTOR CUTON POWER LEVEL: N/A  
INSTRUMENT FAILURE MODE: LOW  
TEMPERATURE COMPENSATION: N  
LEVEL REFERENCE LEG: N/A  
UNIQUE SYSTEM DESC:

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## Oconee Emergency Response Data System

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Printed On 22-Jul-93

DATE: 7/22/93  
REACTOR UNIT: OC2  
DATA FEEDER: N/A  
NRC ERDS PARMETER: NI SOURC RNG  
POINT ID: A1536  
PLANT SPEC POINT DESC: NI 1 SR FLUX  
GENERIC/COND DESC: NUCLEAR INSTRUMENTS, SOURCE RANGE  
ANALOG/DIGITAL: A  
ENGR UNITS/DIG STATES: CPS  
ENGR UNITS CONVERSION: N/A  
MINIMUM INSTR RANGE: .1  
MAXIMUM INSTR RANGE: 1E5  
ZERO POINT REFERENCE: N/A  
REFERENCE POINT NOTES: N/A  
PROC OR SENS: S  
NUMBER OF SENSORS: 1  
HOW PROCESSED: N/A  
SENSOR LOCATIONS: OUTSIDE OF RX VESSEL  
ALARM/TRIP SET POINTS: NONE  
NI DETECTOR CUTOFF POWER LEVEL: N/A  
NI DETECTOR CUTON POWER LEVEL: N/A  
INSTRUMENT FAILURE MODE: LOW  
TEMPERATURE COMPENSATION: N  
LEVEL REFERENCE LEG: N/A  
UNIQUE SYSTEM DESC:

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## Oconee Emergency Response Data System

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Printed On 22-Jul-93

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DATE: 7/22/93  
REACTOR UNIT: OC2  
DATA FEEDER: N/A  
NRC ERDS PARMETER: NI SOURC RNG  
POINT ID: A1537  
PLANT SPEC POINT DESC: NI 2 SR FLUX  
GENERIC/COND DESC: NUCLEAR INSTRUMENTS, SOURCE RANGE  
ANALOG/DIGITAL: A  
ENGR UNITS/DIG STATES: CPS  
ENGR UNITS CONVERSION: N/A  
MINIMUM INSTR RANGE: .1  
MAXIMUM INSTR RANGE: 1E6  
ZERO POINT REFERENCE: N/A  
REFERENCE POINT NOTES: N/A  
PROC OR SENS: S  
NUMBER OF SENSORS: 1  
HOW PROCESSED: N/A  
SENSOR LOCATIONS: OUTSIDE OF RX VESSEL  
ALARM/TRIP SET POINTS: NONE  
NI DETECTOR CUTOFF POWER LEVEL: N/A  
NI DETECTOR CUTON POWER LEVEL: N/A  
INSTRUMENT FAILURE MODE: LOW  
TEMPERATURE COMPENSATION: N  
LEVEL REFERENCE LEG: N/A  
UNIQUE SYSTEM DESC:

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## Oconee Emergency Response Data System

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Printed On 22-Jul-93

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DATE: 7/22/93  
REACTOR UNIT: OC2  
DATA FEEDER: N/A  
NRC ERDS PARMETER: NI INTER RNG  
POINT ID: A1540  
PLANT SPEC POINT DESC: NI 3 WR FLUX  
GENERIC/COND DESC: NUCLEAR INSTRUMENTS, INTERMEDIATE R  
ANALOG/DIGITAL: A  
ENGR UNITS/DIG STATES: PCT  
ENGR UNITS CONVERSION: N/A  
MINIMUM INSTR RANGE: 1E-8  
MAXIMUM INSTR RANGE: 2E2  
ZERO POINT REFERENCE: N/A  
REFERENCE POINT NOTES: N/A  
PROC OR SENS: S  
NUMBER OF SENSORS: 1  
HOW PROCESSED: N/A  
SENSOR LOCATIONS: OUTSIDE OF RX VESSEL  
ALARM/TRIP SET POINTS: NONE  
NI DETECTOR CUTOFF POWER LEVEL: N/A  
NI DETECTOR CUTOFF POWER LEVEL: N/A  
INSTRUMENT FAILURE MODE: LOW  
TEMPERATURE COMPENSATION: N  
LEVEL REFERENCE LEG: N/A  
UNIQUE SYSTEM DESC:



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## Oconee Emergency Response Data System

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Printed On 22-Jul-93

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DATE: 7/22/93  
REACTOR UNIT: OC3  
DATA FEEDER: N/A  
NRC ERDS PARMETER: NI SOURC RNG  
POINT ID: A1536  
PLANT SPEC POINT DESC: NI 1 SR FLUX  
GENERIC/COND DESC: NUCLEAR INSTRUMENTS, SOURCE RANGE  
ANALOG/DIGITAL: A  
ENGR UNITS/DIG STATES: CPS  
ENGR UNITS CONVERSION: N/A  
MINIMUM INSTR RANGE: .1  
MAXIMUM INSTR RANGE: 1E5  
ZERO POINT REFERENCE: N/A  
REFERENCE POINT NOTES: N/A  
PROC OR SENS: S  
NUMBER OF SENSORS: 1  
HOW PROCESSED: N/A  
SENSOR LOCATIONS: OUTSIDE OF RX VESSEL  
ALARM/TRIP SET POINTS: NONE  
NI DETECTOR CUTOFF POWER LEVEL: N/A  
NI DETECTOR CUTON POWER LEVEL: N/A  
INSTRUMENT FAILURE MODE: LOW  
TEMPERATURE COMPENSATION: N  
LEVEL REFERENCE LEG: N/A  
UNIQUE SYSTEM DESC:

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## Oconee Emergency Response Data System

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Printed On 22-Jul-93

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DATE: 7/22/93  
REACTOR UNIT: OC3  
DATA FEEDER: N/A  
NRC ERDS PARAMETER: NI SOURC RNG  
POINT ID: A1537  
PLANT SPEC POINT DESC: NI 2 SR FLUX  
GENERIC/COND DESC: NUCLEAR INSTRUMENTS, SOURCE RANGE  
ANALOG/DIGITAL: A  
ENGR UNITS/DIG STATES: CPS  
ENGR UNITS CONVERSION: N/A  
MINIMUM INSTR RANGE: .1  
MAXIMUM INSTR RANGE: 1E6  
ZERO POINT REFERENCE: N/A  
REFERENCE POINT NOTES: N/A  
PROC OR SENS: S  
NUMBER OF SENSORS: 1  
HOW PROCESSED: N/A  
SENSOR LOCATIONS: OUTSIDE OF RX VESSEL  
ALARM/TRIP SET POINTS: NONE  
NI DETECTOR CUTOFF POWER LEVEL: N/A  
NI DETECTOR CUTOFF POWER LEVEL: N/A  
INSTRUMENT FAILURE MODE: LOW  
TEMPERATURE COMPENSATION: N  
LEVEL REFERENCE LEG: N/A  
UNIQUE SYSTEM DESC:

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## Oconee Emergency Response Data System

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Printed On 22-Jul-93

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DATE: 7/22/93  
REACTOR UNIT: OC3  
DATA FEEDER: N/A  
NRC ERDS PARMETER: NI INTER RNG  
POINT ID: A1540  
PLANT SPEC POINT DESC: NI 3 WR FLUX  
GENERIC/COND DESC: NUCLEAR INSTRUMENTS, INTERMEDIATE R  
ANALOG/DIGITAL: A  
ENGR UNITS/DIG STATES: PCT  
ENGR UNITS CONVERSION: N/A  
MINIMUM INSTR RANGE: 1E-8  
MAXIMUM INSTR RANGE: 2E2  
ZERO POINT REFERENCE: N/A  
REFERENCE POINT NOTES: N/A  
PROC OR SENS: S  
NUMBER OF SENSORS: 1  
HOW PROCESSED: N/A  
SENSOR LOCATIONS: OUTSIDE OF RX VESSEL  
ALARM/TRIP SET POINTS: NONE  
NI DETECTOR CUTOFF POWER LEVEL: N/A  
NI DETECTOR CUTOFF POWER LEVEL: N/A  
INSTRUMENT FAILURE MODE: LOW  
TEMPERATURE COMPENSATION: N  
LEVEL REFERENCE LEG: N/A  
UNIQUE SYSTEM DESC: