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Vice President - Nuclear419-321-7676
Fax: 419-321-7582August 27, 2010
L-10-253

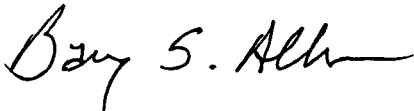
10 CFR 54

ATTN: Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, DC 20555-0001SUBJECT:
Davis-Besse Nuclear Power Station, Unit No.1
Docket No. 50-346, License Number NPF-3
License Renewal Application Boundary Drawings

By the referenced letter, FirstEnergy Nuclear Operating Company (FENOC) submitted the License Renewal Application (LRA) for Davis-Besse Nuclear Power Station, Unit No. 1. The LRA references license renewal boundary drawings used in support of the scoping phase of the license renewal project. Enclosed is a copy of the license renewal boundary drawing index and the boundary drawings, which are provided to aid the Nuclear Regulatory Commission staff in the review of the License Renewal Application.

No new regulatory commitments are contained in this submittal. If there are questions or if additional information is required, please contact Mr. Clifford Custer, Fleet License Renewal Project Manager, at 724-682-7139 or Mr. Gregory H. Halnon, Fleet Director, Regulatory Affairs, at 330-384-5638.

Sincerely,



Barry S. Allen

Reference:

FENOC Letter L-10-221, "License Renewal Application," August 27, 2010.

AD35
NRR

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Enclosures:

- A License Renewal Application Boundary Drawing Index
- B License Renewal Application Boundary Drawings

cc: B. K. Harris, NRC DLR Project Manager
P. E. Cooper, NRC DLR Project Manager
M. A. Satorius, NRC Regional Administrator, Region III
NRC Resident Inspector

cc: w/o Enclosures
NRC DLR Director
NRR Project Manager
Utility Radiological Safety Board

Enclosure A

Davis-Besse Nuclear Power Station, Unit 1

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License Renewal Application Boundary Drawing Index

(3 pages)

**Davis-Besse License Renewal Application
License Renewal Boundary Drawing Index**

No	Drawing	Description
1	<u>LR-M001-00</u>	Piping Symbols & Diagrams Index
2	<u>LR-M001-01</u>	Piping Symbols & Diagrams Index - General License Renewal Notes
3	<u>LR-M002</u>	Instrumentation Symbols
4	<u>LR-M003A</u>	Main Steam and Reheat System - Sheet 1
5	<u>LR-M003B</u>	Main Steam and Reheat System - Sheet 2
6	<u>LR-M003C</u>	Main Steam and Reheat System - Sheet 3
7	<u>LR-M006D</u>	Auxiliary Feedwater System
8	<u>LR-M006E</u>	Condensate System
9	<u>LR-M007A</u>	Steam Generator Secondary System
10	<u>LR-M007B</u>	Steam Generator Secondary System
11	<u>LR-M009B</u>	Cooling Water System
12	<u>LR-M010C</u>	Make-up Water Treatment System
13	<u>LR-M010D</u>	Make-up Water Treatment System
14	<u>LR-M011</u>	Domestic Water System
15	<u>LR-M012E</u>	Screen Wash and Cooling Tower Make-up System
16	<u>LR-M015A</u>	Instrument Air System
17	<u>LR-M015D</u>	Station Air System
18	<u>LR-M016A</u>	Station Fire Protection System
19	<u>LR-M016B</u>	Station Fire Protection System
20	<u>LR-M017A</u>	Diesel Generators
21	<u>LR-M017B</u>	Diesel Generators Air Start
22	<u>LR-M017C</u>	Fuel Oil
23	<u>LR-M017D</u>	Station Blackout Diesel Generator
24	<u>LR-M019</u>	Nitrogen Supply System
25	<u>LR-M020A</u>	Water Treatment & Intake Structure Auxiliary Steam System
26	<u>LR-M020B</u>	Auxiliary Building Auxiliary Steam System
27	<u>LR-M020D</u>	Turbine Building Auxiliary Steam System
28	<u>LR-M021</u>	Station Heating System
29	<u>LR-M022A</u>	Main Turbine Gland Steam Seal & Drain System
30	<u>LR-M024G</u>	No. 1 Main and Auxiliary Turbine Driven Feed Pumps
31	<u>LR-M024H</u>	No. 2 Main and Auxiliary Turbine Driven Feed Pumps
32	<u>LR-M026A</u>	HV & A/C Air Flow Diagram Turbine Building & Auxiliary Feed Pump Room
33	<u>LR-M026B</u>	HV & A/C Air Flow Diagram Water Treatment Building and Miscellaneous Yard Structures
34	<u>LR-M026B01</u>	HV & A/C Air Flow Diagram Water Treatment Building and Miscellaneous Yard Structures
35	<u>LR-M027A</u>	HV & A/C Air Flow Diagram Auxiliary Building Non Radioactive Areas and Control Room
36	<u>LR-M027B</u>	HV & A/C Air Flow Diagram Auxiliary Building Non Radioactive Areas
37	<u>LR-M028B</u>	HV & A/C Air Flow Diagram Aux. Bldg. Radwaste, Fuel Handling and Access Control Areas
38	<u>LR-M028C</u>	HV & A/C Air Flow Diagram Auxiliary Building Radwaste Ventilation
39	<u>LR-M028D</u>	HV & A/C Air Flow Diagram Fuel Handling Area Ventilation

**Davis-Besse License Renewal Application
License Renewal Boundary Drawing Index**

No	Drawing	Description
40	<u>LR-M029B</u>	HV & A/C Air Flow Diagram Containment and Penetration Rooms - Sheet 1
41	<u>LR-M029C</u>	HV & A/C Air Flow Diagram Containment and Penetration Rooms - Sheet 2
42	<u>LR-M029D</u>	HV & A/C Air Flow Diagram Containment and Penetration Rooms - Sheet 3
43	<u>LR-M029E</u>	HV & A/C Air Flow Diagram Containment and Penetration Rooms - Sheet 4
44	<u>LR-M030A</u>	Reactor Coolant System
45	<u>LR-M030B</u>	Reactor Coolant System Instrumentation
46	<u>LR-M031A</u>	Make Up & Purification System
47	<u>LR-M031B</u>	Make Up & Purification System
48	<u>LR-M031C</u>	Make Up & Purification System
49	<u>LR-M033A</u>	High Pressure Injection
50	<u>LR-M033B</u>	Decay Heat Train 1
51	<u>LR-M033C</u>	Decay Heat Train 2
52	<u>LR-M034</u>	Emerg. Core Cooling System Ctmt. Spray & Core Flooding Systems
53	<u>LR-M035</u>	Spent Fuel Pool Cooling System
54	<u>LR-M036A</u>	Component Cooling Water System
55	<u>LR-M036B</u>	Component Cooling Water System
56	<u>LR-M036C</u>	Component Cooling Water System
57	<u>LR-M037C</u>	Clean Liquid Radioactive Waste System
58	<u>LR-M037D</u>	Clean Liquid Radioactive Waste System
59	<u>LR-M037E</u>	Clean Liquid Radioactive Waste System
60	<u>LR-M037F</u>	Clean Waste Monitor Tanks
61	<u>LR-M037G</u>	Boric Acid Evaporator 1-1
62	<u>LR-M037H</u>	Boric Acid Evaporator 1-2
63	<u>LR-M038A</u>	Gaseous Radwaste Hydrogen and Oxygen Monitoring Systems
64	<u>LR-M038B</u>	Gaseous Radioactive Waste System
65	<u>LR-M038C</u>	Gaseous Radioactive Waste System
66	<u>LR-M039A</u>	Miscellaneous Liquid Radioactive Waste
67	<u>LR-M039B</u>	Miscellaneous Liquid Radioactive Waste
68	<u>LR-M040A</u>	Reactor Coolant System Details
69	<u>LR-M040D</u>	Reactor Coolant Pump & Motor
70	<u>LR-M041A</u>	Service Water Pumps and Secondary Service Water System
71	<u>LR-M041B</u>	Primary Service Water System
72	<u>LR-M041C</u>	Service Water System for Containment Air Coolers
73	<u>LR-M042B</u>	Sampling System Sh. 2 Local Grab Samples
74	<u>LR-M042C</u>	Sampling System Sh. 3
75	<u>LR-M043</u>	Auxiliary Building Chilled Water System
76	<u>LR-M045</u>	Chemical Addition Systems
77	<u>LR-M046</u>	Station Drainage Systems
78	<u>LR-M047</u>	Radwaste Drumming Station
79	<u>LR-M090</u>	Station Plumbing and Drains
80	<u>LR-M269P</u>	Sprinkler Sys. S.W. Valve Room Intake Structure Elev. 566'-0"
81	<u>LR-M281N13</u>	System Line I.D. for Radwaste Demineralizer Skid

**Davis-Besse License Renewal Application
License Renewal Boundary Drawing Index**

No	Drawing	Description
82	<u>LR-M33301</u>	Fire Protection Piping Sprinkler System Room 303 Auxiliary Building Elev. 585'-0
83	<u>LR-OS002</u>	Makeup and Purification System
84	<u>LR-OS041A1</u>	Emergency Diesel Generator Systems
85	<u>LR-OS041A2</u>	Emergency Diesel Generator Systems

Enclosure B

Davis-Besse Nuclear Power Station, Unit 1

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License Renewal Application Boundary Drawings

(85 pages)

**THE 85 SUBSEQUENTLY
LISTED DRAWINGS/FIGURES
HAVE BEEN PROCESSED INTO
ADAMS.**

**THESE DRAWINGS CAN BE
ACCESSED WITHIN THE
ADAMS PACKAGE OR BY
PERFORMING A SEARCH ON
THE DOCUMENT/REPORT
NO.**