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L-07-118

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


Subject: Beaver Valley Power Station, Unit Nos. 1 and 2
BV-1 Docket No. 50-334, License No. DPR-66
BV-2 Docket No. 50-412, License No. NPF-73
License Renewal Application Boundary Drawings

Reference: L-07-113, "License Renewal Application," dated August 27, 2007.

By the referenced letter, FirstEnergy Nuclear Operating Company (FENOC) submitted the License Renewal Application for Beaver Valley Power Station, Unit 1 and Unit 2. The Application references boundary drawings used in the scoping phase of the license renewal project. Enclosed is a copy of the boundary drawing index and the boundary drawings, which are provided to aid the NRC Staff in the review of the License Renewal Application. A compact disk containing an electronic copy of the drawings is also provided to facilitate NRC review.

No new regulatory commitments are contained in this submittal. If there are any questions, or if additional information is required, please contact Mr. Clifford Custer, Fleet License Renewal Project Manager, at 724-682-7139.

Sincerely,



Peter P. Sena III

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NRR

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Enclosures:

- 1 License Renewal Application Boundary Drawing Index
- 2 License Renewal Application Boundary Drawings

c: Mr. K. L. Howard, NRR License Renewal Project Manager
Mr. S. J. Collins, NRC Region I Administrator
Mr. D. L. Werkheiser, NRC Senior Resident Inspector
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w/o Enclosures
w/o Enclosures

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2. Drawing Index
3. License Renewal Drawings Book 1 of 4
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**The 229 Drawings
specifically referenced in the
BVPS License Renewal
Drawings Index have been
processed into ADAMS.**

**These drawings can be
accessed by NRC Staff
members within the
ADAMS package or by
performing a search on the
Document/Report Number.**

BVPS LICENSE RENEWAL DRAWING INDEX

Note: Parent system drawings are shown in bold.

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	LR 1-00-2	LR 2-00-2
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	LR 1-15-2	LR 2-15-5
	LR 1-15-4	LR 2-18-1
	LR 1-18-3	LR 2-30-2
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2.3.3.6 Chilled Water System	LR 1-13-1	LR 2-13-2
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	--	LR 2-44B-2
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	--	LR 2-44C-1
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	--	LR 2-44D-2
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2.3.3.7 Compressed Air System	LR 1-34-1	LR 2-07-1A
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	LR 1-34-8	LR 2-15-3
	--	LR 2-34-1A
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2.3.3.9 Containment Vacuum and Leak Monitoring System	LR 1-12-1	LR 2-12-1
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	--	LR 2-36-5A
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2.3.3.16 Emergency Diesel Generators - Water Cooling System	LR 1-36-3	LR 2-36-4A
	LR 1-36-4	LR 2-36-4B
	--	LR 2-36-5A
	--	LR 2-36-5B
2.3.3.17 Emergency Response Facility Substation System (Common)	LR 1-58E-1	None
	LR 1-58E-2	--
	LR 1-58E-3	--
2.3.3.18 Fire Protection System	LR 1-06-3	LR 1-33-1
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	LR 1-33-2	LR 2-16-1
	LR 1-33-3	LR 2-16-2
	LR 1-33-4	LR 2-30-1
	LR 1-33-7	LR 2-33-1A
	LR 1-33-8	LR 2-33-1B
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	LR 2-33-1B	LR 2-33-1D
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	--	LR 2-33-1F
	--	LR 2-33-2A
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	--	LR 2-33-3
	--	LR 2-44A-1
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2.3.3 AUXILIARY SYSTEMS (CONTINUED)	UNIT 1	UNIT 2
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2.3.3.19 Fuel Pool Cooling and Purification System	LR 1-13-1	LR 2-15-5
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	LR 1-18-3	LR 2-20-1
	LR 1-20-1	--
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	--	LR 2-19-2
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	LR 1-08-2	LR 2-08-2
	LR 1-08-3	LR 2-09-1
	LR 1-08-4	LR 2-10-1
	LR 1-10-1	LR 2-14A-1
	LR 1-14A-1	LR 2-14A-2
	LR 1-15-1	LR 2-15-1
	LR 1-15-2	LR 2-15-2
	LR 1-15-3	LR 2-15-3
	LR 1-15-4	LR 2-15-4
	LR 1-15-5	LR 2-15-5
	LR 1-17-2	LR 2-15-6
	LR 1-19-1	LR 2-19-1
	LR 1-20-1	LR 2-20-1
	LR 1-25-1	LR 2-25-4
	LR 1-27-2	LR 2-27A-2
	LR 1-30-3	LR 2-30-3
	LR 1-43-3	LR 2-34-3
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2.3.3.25 Radiation Monitoring System	LR 1-07-1	LR 2-12-1
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	LR 1-16-1	LR 2-16-2
	LR 1-17-1	LR 2-25-4
	LR 1-19-1	LR 2-30-3
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2.3.3 AUXILIARY SYSTEMS (CONTINUED)	UNIT 1	UNIT 2
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	LR 1-14A-2	--
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2.3.3.27 Reactor Plant Vents and Drains System	LR 1-06-1	LR 2-06-1
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	LR 1-07-3	LR 2-08-1
	LR 1-07-4	LR 2-09-1
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	LR 1-09-2	LR 2-09-3
	LR 1-09-3	LR 2-10-1
	LR 1-09-4	LR 2-15-2
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	LR 1-14A-2	--
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LR 1-14C-1		--
LR 1-15-1		--
LR 1-20-1		--
LR 1-24-2		--
LR 1-29-2		--
LR 1-30-1		--
LR 1-30-2		--
LR 1-30-3		--
LR 1-30-4		--
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LR 1-36-4		--
LR 1-43-2		--
LR 1-43-3		--
LR 1-44A-2		--
LR 2-30-1		--
LR 2-30-1A	--	
2.3.3.29 Security Diesel Generator System (Common)	LR 1-45F-1	None
2.3.3.30 Service Water System (Unit 2 only)	Not applicable	LR 1-30-1
	--	LR 2-07-1A
	--	LR 2-07-5
	--	LR 2-13-1
	--	LR 2-14C-1
	--	LR 2-15-1
	--	LR 2-24-3
	--	LR 2-29-4
	--	LR 2-30-1
	--	LR 2-30-1A
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2.3.3 AUXILIARY SYSTEMS (CONTINUED)	UNIT 1	UNIT 2
2.3.3.31 Solid Waste Disposal System	LR 1-07-2	LR 2-07-1B
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	LR 1-08-5	LR 2-18-1
	LR 1-17-2	LR 2-20-1
	LR 1-18-1	--
	LR 1-18-2	--
	LR 1-18-3	--
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2.3.4 STEAM AND POWER CONVERSION SYSTEM	UNIT 1	UNIT 2
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	LR 1-32-7	--
2.3.4.2 Auxiliary Steam System	LR 1-07-3	LR 2-07-2
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	LR 1-08-3	LR 2-15-6
	LR 1-08-5	LR 2-27A-1
	LR 1-17-2	LR 2-27A-2
	LR 1-27-1	LR 2-27A-3
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	LR 1-27-4	--
2.3.4.3 Building Services Hot Water Heating System	LR 1-43-2	--
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	LR 1-41A-2	LR 2-41A-2
	LR 1-41A-3	LR 2-41A-3
	LR 1-41B-1	LR 2-41A-4
	--	LR 2-44B-1
	--	LR 2-44B-2
	--	LR 2-44B-3
2.3.4.4 Condensate System (Unit 1 only)	--	LR 2-44D-1
	LR 1-22-1	Not applicable
	LR 1-24-3	--
2.3.4.5 Glycol Heating System (Unit 1 only)	LR 1-32-7	--
	LR 1-41B-1	Not applicable
2.3.4.6 Main Feedwater System	LR 1-24-1	LR 2-21-1
	LR 1-24-3	LR 2-24-2A
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2.3.4.7 Main Steam System	LR 1-21-1	LR 2-21-1
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--	LR 2-25-5	

2.3.4 STEAM AND POWER CONVERSION SYSTEM (CONTINUED)	UNIT 1	UNIT 2
2.3.4.10 Water Treatment System	LR 1-32-2	LR 2-24-3
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	--	LR 2-32-2
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	--	LR 2-36-4B
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2.4 STRUCTURAL BOUNDARY DRAWINGS	UNIT 1	UNIT 2
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