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Vice President, Nuclear419-321-7676
Fax: 419-321-7582November 21, 2014
L-14-30510 CFR 50.71(e)
10 CFR 50.54(a)ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-001

SUBJECT:
Davis-Besse Nuclear Power Station
Docket No. 50-346, License No. NPF-3
Submittal of the Updated Final Safety Analysis Report, Revision 30

In accordance with the requirements of 10 CFR 50.71(e), the FirstEnergy Nuclear Operating Company (FENOC) is hereby submitting to the Nuclear Regulatory Commission (NRC) the Davis-Besse Nuclear Power Station (DBNPS) Updated Final Safety Analysis Report (UFSAR) Revision 30 in CD-ROM format. This submittal reflects facility and procedure changes implemented between June 13, 2012 (the end of Refueling Outage 17), and May 8, 2014 (the end of Refueling Outage 18), along with several changes implemented after Refueling Outage 18.

This UFSAR revision is the first to be submitted for DBNPS in CD-ROM format. To support this transition, the entire text of the UFSAR and Fire Hazards Analysis Report (FHAR) was retyped. In accordance with 10 CFR 50.71(e)(5), a change indicator (revision bar) was only used where actual changes to UFSAR and FHAR text were incorporated. All retyped pages were provided with a page change identification (date of change).

In accordance with NRC guidance for electronic submissions, Attachment 1 provides a listing of the document components that comprise the enclosed CD-ROM. In addition to the UFSAR, the submission includes documents incorporated by reference in the UFSAR updated during the aforementioned time. These documents include the DBNPS FHAR, Revision 26, the Technical Requirements Manual (TRM), Revision 14, and updated drawings.

The Technical Specification (TS) Bases, Revision 20, are submitted in accordance with Technical Specification 5.5.13.d, "Technical Specifications (TS) Bases Control Program."

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In accordance with 10 CFR 50.54(a), FENOC is hereby submitting a copy of the current revision of the FENOC Quality Assurance Program Manual (QAPM). The QAPM, Revision 19, is included in the enclosed CD-ROM.

Attachment 2 includes a summary of information removed from the DBNPS UFSAR in accordance with Appendix A to Nuclear Energy Institute (NEI) 98-03, "Guidelines for Updating Final Safety Analysis Reports," Revision 1.

In accordance with NEI 99-04, "Guidelines for Managing NRC Commitment Changes," as endorsed by NRC Regulatory Issue Summary (RIS) 2000-17, "Managing Regulatory Commitments Made by Power Reactor Licensees to the NRC Staff," a summary of regulatory commitment changes is provided in Attachment 3.

This certifies, to the best of my judgment and belief, that Revision 30 of the DBNPS UFSAR accurately presents changes made since the previous submittal that are necessary to reflect information and analysis submitted to the Commission or pursuant to Commission requirements.

This letter contains no new regulatory commitments. If you have any questions regarding this report, please contact Mr. Thomas A. Lentz, Manager – Fleet Licensing, at 330-315-6810.

Sincerely,

A handwritten signature in black ink, appearing to read "Raymond A. Lieb". The signature is fluid and cursive, with the first name "Raymond" being more prominent.

Raymond A. Lieb

Attachments:

1. Document Components on CD-ROM
2. Information Removed from the DBNPS UFSAR
3. Commitment Change Summary Report

Enclosures:

DBNPS UFSAR, FHAR, TRM, TS Bases, FENOC QAPM, and other updated documents incorporated by reference (on CD-ROM)

cc: NRC Region III Administrator
NRC Resident Inspector
NRC Project Manager
Utility Radiological Safety Board (without Enclosures)

Attachment 1
L-14-305

Document Components on CD-ROM
Page 1 of 2

<u>File Name</u>	<u>Size</u>
001 UFSAR List of Effective Pages Rev 30.pdf	87 KB
002 UFSAR Section 1.pdf	3,622 KB
003 UFSAR Section 2.pdf	17,219 KB
004 UFSAR Section 3.pdf	33,157 KB
005 UFSAR Section 4.pdf	4,048 KB
006 UFSAR Section 5.pdf	1,541 KB
007 UFSAR Section 6.pdf	4,566 KB
008 UFSAR Section 7.pdf	5,022 KB
009 UFSAR Section 8.pdf	11,955 KB
010 UFSAR Section 9.pdf	11,141 KB
011 UFSAR Section 10.pdf	2,636 KB
012 UFSAR Section 11.pdf	1,923 KB
013 UFSAR Section 12.pdf	10,948 KB
014 UFSAR Section 13.pdf	115 KB
015 UFSAR Section 14.pdf	534 KB
016 UFSAR Section 15.pdf	1,858 KB
017 UFSAR Section 16.pdf	41 KB
018 UFSAR Section 17.pdf	40 KB
019 FHAR List of Effective Pages Rev 26.pdf	85 KB
020 FHAR Section 1.pdf	125 KB
021 FHAR Section 2.pdf	72 KB
022 FHAR Section 3.pdf	172 KB
023 FHAR Section 4 Part 1 of 2.pdf	37,494 KB
024 FHAR Section 4 Part 2 of 2.pdf	35,276 KB
025 FHAR Section 5.pdf	88 KB
026 FHAR Section 6.pdf	81 KB
027 FHAR Section 7.pdf	71 KB
028 FHAR Section 8.pdf	165 KB
029 FHAR Section 9.pdf	203 KB
030 FHAR Appendix A.pdf	3,313 KB
031 FHAR Appendix B-1.pdf	22,413 KB
032 FHAR Appendix B-2.pdf	28,612 KB
033 FHAR Appendix C-1.pdf	643 KB
034 FHAR Appendix C-2.pdf	1,597 KB
035 FHAR Appendix C-3.pdf	2,300 KB
036 FHAR Appendix D.pdf	301 KB
037 FHAR Appendix E.pdf	63 KB
038 TRM Rev 14.pdf	1,070 KB
039 TS Bases Rev 20.pdf	2,292 KB
040 FENOC QAPM Rev 19.pdf	4,153 KB
041 DWG E-0030B Sht 0016C Rev 2.pdf	292 KB
042 DWG E-0030B Sht 0016D Rev 2.pdf	278 KB
043 DWG E-030-00028 Rev 15.pdf	2,026 KB
044 DWG E-030AQ-00006 Rev 6.pdf	990 KB
045 DWG E-030AQ-00012 Rev 3.pdf	1,551 KB

<u>File Name</u>	<u>Size</u>
046 DWG E-030AQ-00036 Rev 2.pdf	284 KB
047 DWG E-0031B Index Sht 0002 Rev 34.pdf	239 KB
048 DWG E-0031B Sht 0003 Rev 15.pdf	244 KB
049 DWG E-0031B Sht 0003A Rev 3.pdf	197 KB
050 DWG E-0031B Sht 0008 Rev 12.pdf	291 KB
051 DWG E-0031B Sht 0009 Rev 16.pdf	312 KB
052 DWG E-0031B Sht 0012 Rev 9.pdf	294 KB
053 DWG E-0044B Sht 0005 Rev 12.pdf	317 KB
054 DWG E-0044B Sht 0014B Rev 11.pdf	178 KB
055 DWG E-0046B Index Sht 0003 Rev 95.pdf	262 KB
056 DWG E-0048B Sht 0007B Rev 1.pdf	241 KB
057 DWG E-0048B Sht 0011C Rev 11.pdf	222 KB
058 DWG E-0048B Sht 0013 Rev 8.pdf	264 KB
059 DWG E-0048B Sht 0033A Rev 7.pdf	222 KB
060 DWG E-0048B Sht 0033C Rev 6.pdf	224 KB
061 DWG E-0050B Sht 0004C Rev 10.pdf	269 KB
062 DWG E-0050B Sht 0015A Rev 5.pdf	259 KB
063 DWG E-0052B Sht 0021A Rev 12.pdf	420 KB
064 DWG E-0052B Sht 0021B Rev 6.pdf	220 KB
065 DWG E-0052B Sht 0045A Rev 9.pdf	351 KB
066 DWG E-0060B Index Sht 0002 Rev 71.pdf	339 KB
067 DWG E-0060B Sht 0014D Rev 6.pdf	228 KB
068 DWG M-536-00035 Rev 9.pdf	204 KB
069 DWG M-536-00045 Rev 9.pdf	211 KB
070 DWG M-536-00055 Rev 11.pdf	204 KB
071 DWG M-536-00075 Rev 11.pdf	208 KB
072 DWG M-0567 Rev 30.pdf	515 KB
073 DWG M-0568 Rev 46.pdf	420 KB

Information Removed from DBNPS UFSAR

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In accordance with Nuclear Energy Institute (NEI) 98-03, Revision 1, "Guidelines for Updating Final Safety Analysis Reports," licensees report a brief description of information removed from the Updated Final Safety Analysis Report (UFSAR) and the basis for its removal. The following provides a summary of the information removed from the UFSAR and the basis for removal.

1. Removed two references from Section 6.5. As discussed in Section 6.2.1.3.2, the containment response analysis is documented by another reference, which superseded these two references. The removed references are not necessary to provide an understanding of the safety analysis methodology, input assumptions and results, or compliance with relevant regulatory and industry standards.
2. Removed depiction of an abandoned position switch from Figure 5.1-2. The abandoned position switch is not important to providing an understanding of the plant's design and operation from either a general or system functional perspective.
3. Removed the specific percentage of reactor full power corresponding to the steam generator low level limit from Section 15.2.7. The replacement of the steam generators modified the low level limit. The pertinent information for the accident analysis is the concept of the steam generator low level limit, which remains in the UFSAR. The specific percentage of reactor full power is information not necessary to understand the accident analysis.

Attachment 3
L-14-305

Commitment Change Summary Report
October 2012 – September 2014
Page 1 of 1

COMMITMENT NUMBER / SOURCE / DATE	COMMITMENT DESCRIPTION	CHANGE	REASON FOR CHANGE
DB-O04848 Serial 1161 06/24/85	In response to NRC GL 85-02 regarding SG tube integrity issues and SG tube rupture mitigation, a description of the DBNPS V&LPM system was provided and captured as a regulatory commitment.	Commitment closed.	<p>In September 1988, the NRC issued NUREG-0844 documenting the resolution of SG tube integrity issues. It was concluded that a loose parts monitoring system may only provide a small additional incremental benefit in preventing SG tube ruptures. Given the implementation of secondary-side visual inspections, there was insufficient justification to support implementation of such a system.</p> <p>DBNPS provided relevant information regarding its V&LPM system, but did not specifically establish a commitment to maintain this system to meet a regulatory requirement. This information no longer fits the definition of a regulatory commitment and tracking it as such is not necessary.</p>

List of Abbreviations Used

DBNPS	Davis-Besse Nuclear Power Station
GL	Generic Letter
NRC	Nuclear Regulatory Commission
SG	Steam Generator
V&LPM	Vibration and Loose Parts Monitoring