



Exelon Generation®

200 Exelon Way
Kennett Square, PA 19348

www.exeloncorp.com

10 CFR 50.71(e)(4)
10 CFR 54.37(b)
NEI 99-04

January 26, 2016

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

Calvert Cliffs Nuclear Power Plant, Units 1 and 2
Renewed Facility Operating License Nos. DPR-53 and DPR-69
NRC Docket Nos. 50-317 and 50-318

Subject: Submittal of Amended Update to Updated Final Safety Analysis Report,
Revision 48

Reference: Letter from David T. Gudger (Exelon Generation Company, LLC) to U.S. Nuclear
Regulatory Commission - *"Submittal of Updated Final Safety Analysis Report,
Revision 48,"* dated September 14, 2015

By letter dated September 14, 2015 (Reference), Exelon Generation Company, LLC (Exelon) submitted Revision 48 of the Updated Final Safety Analysis Report (UFSAR) for Calvert Cliffs Nuclear Power Plant (CCNPP) in accordance with the requirements of 10 CFR 50.71(e)(4) and 10 CFR 50.4(b)(6).

Subsequently, various administrative discrepancies were identified in the referenced UFSAR Revision 48 update for CCNPP. This UFSAR revision was a first time evolution during the transition from the former Constellation Energy updating process to the current Exelon updating process. Some of the issues identified involved formatting, pagination, renditioning, and other administrative discrepancies. As a result, Exelon is submitting a complete amended update to Revision 48 of the CCNPP UFSAR in order to correct and address the discrepancies.

The enclosed amended UFSAR revision is being provided to the U.S. Nuclear Regulatory Commission (NRC) in electronic format on CD-ROM. The electronic version of this amended UFSAR revision is being submitted in entirety in accordance with 10 CFR 50.4(b)(6) and is a complete document, which constitutes a total replacement copy.

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NRR

U.S. Nuclear Regulatory Commission
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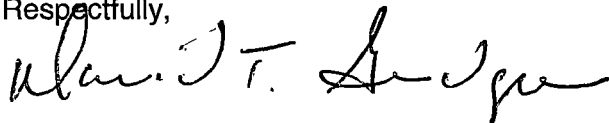
The September 14, 2015, letter also included a summary related to any structures, systems, or components newly identified that would have been subject to an aging management review or evaluation of time-limited aging analyses. Additionally, the submittal included a brief summary of the changes incorporated into UFSAR Revision 48 as well as a summary of any commitment changes. This amended UFSAR Revision 48 update does not modify or revise this information and these summary discussions remain unchanged.

The attachment to this letter includes file directory structure information identifying directory path, filename, and size of the individual files on the enclosed CD-ROM for the amended UFSAR Revision 48 update.

As required by 10CFR50.71(e)(2)(i), I certify that to the best of my knowledge, the information contained in the enclosure to this letter accurately reflects information and analyses submitted to the NRC, or prepared pursuant to NRC requirements as described above.

If you have any questions or require further information, please contact Richard Gropp at (610) 765-5557.

Respectfully,



David T. Gudger
Manager, Licensing and Regulatory Affairs
Exelon Generation Company, LLC

Attachment: Electronic File Directory Structure

Enclosure: CCNPS, Units 1 and 2, Amended UFSAR Revision 48 (CD-ROM)

cc:	Regional Administrator, Region I, USNRC	w/ Enclosure/Attachment
	USNRC Senior Resident Inspector, CCNPP	"
	USNRC Senior Project Manager NRR, CCNPP	"
	S. T. Gray, State of Maryland	"

ATTACHMENT

Electronic File Directory Structure

Amended UFSAR Revision 48

Calvert Cliffs Nuclear Power Plant
Units 1 and 2

Electronic File Directory Structure
Amended Update CCNPP UFSAR Revision 48

Directory Path	File Name - CCNPP UFSAR R48	File Size (Bytes)
D:\	001 Chapter 01 Introduction and Summary.pdf	590,486
D:\	002 Chapter 01 Introduction and Summary-Figures.pdf	8,999,755
D:\	003 Chapter 02 Site and Environment.pdf	517,524
D:\	004 Chapter 02 Site and Environment-Figures.pdf	9,545,846
D:\	005 Chapter 03 Reactor.pdf	1,094,771
D:\	006 Chapter 03 Reactor-Figures.pdf	4,990,121
D:\	007 Chapter 04 Reactor Coolant and Associated Systems.pdf	677,964
D:\	008 Chapter 04 Reactor Coolant and Associated Systems-Figures.pdf	1,372,289
D:\	009 Chapter 05 Structures.pdf	669,916
D:\	010 Chapter 05 Structures-Figures.pdf	4,762,236
D:\	011 Chapter 05 Structures-Appendix.pdf	417,411
D:\	012 Chapter 05 Structures-Appendix-Figures.pdf	752,275
D:\	013 Chapter 06 Engineered Safety Features.pdf	344,834
D:\	014 Chapter 06 Engineered Safety Features-Figures.pdf	850,167
D:\	015 Chapter 07 Instrumentation and Control.pdf	694,032
D:\	016 Chapter 07 Instrumentation and Control-Figures.pdf	3,726,565
D:\	017 Chapter 08 Electrical Systems.pdf	336,392
D:\	018 Chapter 08 Electrical Systems-Figures.pdf	2,975,306
D:\	019 Chapter 09 Auxiliary Systems.pdf	757,646
D:\	020 Chapter 09 Auxiliary Systems-Figures.pdf	4,514,175
D:\	021 Chapter 10 Steam and Power Conversion System.pdf	267,095
D:\	022 Chapter 10 Steam and Power Conversion System-Figures.pdf	1,669,799
D:\	023 Chapter 10 Steam and Power Conversion System-Appendix.pdf	946,754
D:\	024 Chapter 10 Steam and Power Conversion System-Appendix-Figures.pdf	2,720,404
D:\	025 Chapter 11 Waste Processing and Radiation Protection.pdf	358,316
D:\	026 Chapter 11 Waste Processing and Radiation Protection-Figures.pdf	3,492,749
D:\	027 Chapter 12 Conduct Operations.pdf	153,328
D:\	028 Chapter 12 Conduct Operations-Figures.pdf	217,995
D:\	029 Chapter 13 Initial Tests and Operation.pdf	110,062
D:\	030 Chapter 14 Safety Analysis.pdf	1,470,539
D:\	031 Chapter 14 Safety Analysis-Figures.pdf	3,566,919
D:\	032 Chapter 15 Technical Requirements Manual.pdf	71,656
D:\	033 Chapter 16 License Renewal.pdf	397,377

ENCLOSURE

CCNPS, Units 1 and 2, Amended UFSAR Revision 48

Calvert Cliffs Nuclear Power Plant
Units 1 and 2

Compact Disk (CD)