



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

July 6, 2012

All Operating Boiling-Water Reactor  
Licensees with Mark I and  
Mark II Containments

SUBJECT: REQUEST FOR VOLUNTARY RESPONSE TO PETITION FROM UNION OF CONCERNED SCIENTISTS REGARDING COMPLIANCE WITH TITLE 10 OF THE *CODE OF FEDERAL REGULATIONS* (10 CFR), PART 50, APPENDIX A, GENERAL DESIGN CRITERIA 44, "COOLING WATER," AND 10 CFR 50.49, "ENVIRONMENTAL QUALIFICATION"

By letter dated July 29, 2011 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML11213A030), the U.S. Nuclear Regulatory Commission (NRC) received a Petition pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR), Section 2.206 from the Union of Concerned Scientists (UCS) requesting that a demand for information be issued to the boiling-water reactor licensees with Mark I and Mark II design regarding compliance with 10 CFR 50, Appendix A, General Design Criteria 44, "Cooling water," and 10 CFR 50.49, "Environmental qualification."

As Petition Manager, I would like to inform you that you have the right to submit a voluntary response to the issues identified in the Petition in accordance with NRC Management Directive 8.11, "Review Process for 10 CFR 2.206 Petitions" (ADAMS Accession No. ML041770328). If you choose to provide a voluntary response, the response will be made publicly available. Your response should also be sent to UCS, the petitioner, for their information. Your response should avoid using proprietary or personal privacy information that requires protection from public disclosure.

If you choose to respond, I am asking that you provide your response within 45 days of the date of this letter.

Sincerely,

A handwritten signature in cursive script that reads "Michele G. Evans".

Michele G. Evans, Director  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

cc: Listserv

Letter to All Operating Boiling-Water Reactor Licensees with Mark I and Mark II Containments dated

SUBJECT: REQUEST FOR VOLUNTARY RESPONSE TO PETITION FROM UNION OF CONCERNED SCIENTISTS REGARDING COMPLIANCE WITH TITLE 10 OF THE *CODE OF FEDERAL REGULATIONS* (10 CFR), PART 50, APPENDIX A, GENERAL DESIGN CRITERIA 44, "COOLING WATER," AND 10 CFR 50.49, "ENVIRONMENTAL QUALIFICATION"

DISTRIBUTION: G20110563/EDATS: OEDO-2011-0535

Public	RidsNrrLAABaxter
RidsNrrOd	LRegner
RidsNrrDorI	RidsNrrPMBrownsFerry
RidsNrrDorILpl1-1	RidsNrrPMBrunswick
RidsNrrDorILpl1-2	RidsNrrPMColumbia
RidsNrrDorILpl2-1	RidsNrrPMCooper
RidsNrrDorILpl2-2	RidsNrrPMDresden
RidsNrrDorILpl3-1	RidsNrrPMDuaneArnold
RidsNrrDorILpl3-2	RidsNrrPMFermi2
RidsNrrDorILpl4	RidsNrrPMFitzPatrick
RidsOgcMailCenter	RidsNrrPMHatch
	RidsNrrPMHopeCreek
	RidsNrrPMLaSalle
	RidsNrrPMLimerick
	RidsNrrPMMonticello
	RidsNrrPMNineMilePoint
	RidsNrrPMOysterCreek
	RidsNrrPMPeachBottom
	RidsNrrPMPilgrim
	RidsNrrPMQuadCities
	RidsNrrPMSusquehanna
	RidsNrrPMVermontYankee

OPERATING BOILING WATER REACTOR LICENSEES  
WITH MARK I AND MARK II CONTAINMENTS

Browns Ferry Nuclear Plant

BWR-Mark I

Tennessee Valley Authority  
Docket Nos. 50-259, 50-260 and 50-296  
License Nos. DPR-33, DPR-52 and DPR-68

Mr. Joseph W. Shea  
Corporate Manager, Nuclear Licensing  
Tennessee Valley Authority  
3R Lookout Place  
1101 Market Street  
Chattanooga, TN 37402-2801

Brunswick Steam Electric Plant

BWR-Mark I

Carolina Power & Light Company  
Docket Nos. 50-325 and 50-324  
License Nos. DPR-71 and DPR-62

Mr. Michael J. Annacone  
Vice President  
Carolina Power & Light Company  
Brunswick Steam Electric Plant  
P. O. Box 10429  
Southport, NC 28461

Columbia Generating Station

BWR-Mark II

Energy Northwest  
Docket No. 50-397  
License No. NPF-21

Mr. Mark E. Reddemann  
Chief Executive Officer  
Energy Northwest  
MD 1023  
P.O. Box 968  
Richland, WA 99352

Cooper Nuclear Station

BWR-Mark I

Nebraska Public Power District  
Docket No. 50-298  
License No. DPR-46

Mr. Brian J. O'Grady  
Vice President - Nuclear and Chief Nuclear Officer  
Nebraska Public Power District  
72676 648A Avenue  
P.O. Box 98  
Brownville, NE 68321

Dresden Nuclear Power Station

BWR-Mark I

Exelon Generation Co., LLC  
Docket Nos. 50-237 and 50-249  
License Nos. DPR-19 and DPR-25

Mr. Michael J. Pacilio  
President and Chief Nuclear Officer  
Exelon Nuclear  
4300 Winfield Road  
Warrenville, IL 60555

Duane Arnold Energy Center

BWR-Mark I

NextEra Energy Duane Arnold, LLC  
Docket No. 50-331  
License No. DPR-49

Mr. Peter Wells  
Site Vice President  
NextEra Energy  
Duane Arnold Energy Center  
3277 DAEC Road  
Palo, IA 52324-9785

Edwin I. Hatch Nuclear Plant

BWR-Mark I

Southern Nuclear Operating Company, Inc.  
Docket Nos. 50-321 and 50-366  
License Nos. DPR-57 and NPF-5

Mr. M. J. Ajluni  
Licensing Manager – SNC Fleet  
Southern Nuclear Operating Company, Inc.  
40 Inverness Ctr Parkway  
P.O. Box 1295 – Bin 038  
Birmingham, AL 35201

Fermi

BWR-Mark I

Detroit Edison Company  
Docket No. 50-341  
License No. NPF-43

Mr. Jack M. Davis  
Senior Vice President and Chief Nuclear Officer  
Detroit Edison Company  
Fermi 2 – 210 NOC  
6400 North Dixie Highway  
Newport, MI 48166

Hope Creek Generating Station

PSEG Nuclear, LLC  
Docket No. 50-354  
License No. NPF-57

BWR-Mark I

Mr. Thomas Joyce  
President and Chief Nuclear Officer  
PSEG Nuclear LLC - N09  
P. O. Box 236  
Hancocks Bridge, NJ 08038

James A. FitzPatrick Nuclear Power Plant

Entergy Nuclear Operations, Inc.  
Docket No. 50-333  
License No. DPR-59

BWR-Mark I

Vice President, Operations  
Entergy Nuclear Operations, Inc.  
James A. FitzPatrick Nuclear Power Plant  
P.O. Box 110  
Lycoming, NY 13093

LaSalle County Station

Exelon Generation Co., LLC  
Docket Nos. 50-373 and 50-374  
License Nos. NPF-11 and NPF-18

BWR-Mark II

Mr. Michael J. Pacilio  
President and Chief Nuclear Officer  
Exelon Nuclear  
4300 Winfield Road  
Warrenville, IL 60555

Limerick Generating Station

Exelon Generation Co., LLC  
Docket Nos. 50-352 and 50-353  
License Nos. NPF-39 and NPF-85

BWR-Mark II

Mr. Michael J. Pacilio  
President and Chief Nuclear Officer  
Exelon Nuclear  
4300 Winfield Road  
Warrenville, IL 60555

Monticello Nuclear Generating Plant  
Northern States Power Company  
Docket No. 50-263  
License No. DPR-22

BWR-Mark I

Mr. Timothy J. O'Connor  
Site Vice President  
Northern States Power Company - Minnesota  
Monticello Nuclear Generating Plant  
2807 West County Road 75  
Monticello, MN 55362-9637

Nine Mile Point Nuclear Station  
Nine Mile Point Nuclear Station, LLC  
Docket Nos. 50-220 and 50-410  
License Nos. DPR-63 and NPF-69

BWR-Mark I & II

Mr. Ken Langdon  
Vice President Nine Mile Point  
Nine Mile Point Nuclear Station, LLC  
P. O. Box 63  
Lycoming, NY 13093

Oyster Creek Nuclear Generating Station  
Exelon Generation Co., LLC  
Docket No. 50-219  
License No. DPR-16

BWR-Mark I

Mr. Michael J. Pacilio  
President and Chief Nuclear Officer  
Exelon Nuclear  
4300 Winfield Road  
Warrenville, IL 60555

Peach Bottom Atomic Power Station  
Exelon Generation Co., LLC  
Docket Nos. 50-277 and 50-278  
License Nos. DPR-44 and DPR-56

BWR-Mark I

Mr. Michael J. Pacilio  
President and Chief Nuclear Officer  
Exelon Nuclear  
4300 Winfield Road  
Warrenville, IL 60555

Pilgrim Nuclear Power Station Unit No. 1  
Entergy Nuclear Operations, Inc.  
Docket No. 50-293  
License No. DPR-35

BWR-Mark I

Mr. Robert Smith  
Vice President and Site Vice President  
Entergy Nuclear Operations, Inc.  
Pilgrim Nuclear Power Station  
600 Rocky Hill Road  
Plymouth, MA 02360-5508

Quad Cities Nuclear Power Station  
Exelon Generation Co., LLC  
Docket Nos. 50-254 and 50-265  
License Nos. DPR-29 and DPR-30

BWR-Mark I

Mr. Michael J. Pacilio  
President and Chief Nuclear Officer  
Exelon Nuclear  
4300 Winfield Road  
Warrenville, IL 60555

Susquehanna Steam Electric Station  
PPL Susquehanna, LLC  
Docket Nos. 50-387 and 50-388  
License Nos. NPF-14 and NPF-22

BWR-Mark II

Mr. Timothy S. Rausch  
Senior Vice President and Chief Nuclear Officer  
PPL Susquehanna, LLC  
769 Salem Boulevard  
NUCSB3  
Berwick, PA 18603-0467

Vermont Yankee Nuclear Power Station  
Entergy Nuclear Operations, Inc.  
Docket No. 50-271  
License No. DPR-28

BWR-Mark I

Mr. Christopher J. Wamser  
Site Vice President  
Entergy Nuclear Operations, Inc.  
Vermont Yankee Nuclear Power Station  
320 Governor Hunt Road  
Vernon, VT 05354

Petitioner

Mr. David Lochbaum  
Director, Nuclear Safety Project  
Union of Concerned Scientists  
P.O. Box 15316  
Chattanooga, TN 37415



July 6, 2012

All Operating Boiling-Water Reactor  
Licensees with Mark I and  
Mark II Containments

SUBJECT: REQUEST FOR VOLUNTARY RESPONSE TO PETITION FROM UNION OF CONCERNED SCIENTISTS REGARDING COMPLIANCE WITH TITLE 10 OF THE *CODE OF FEDERAL REGULATIONS* (10 CFR), PART 50, APPENDIX A, GENERAL DESIGN CRITERIA 44, "COOLING WATER," AND 10 CFR 50.49, "ENVIRONMENTAL QUALIFICATION"

By letter dated July 29, 2011 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML11213A030), the U.S. Nuclear Regulatory Commission (NRC) received a Petition pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR), Section 2.206 from the Union of Concerned Scientists (UCS) requesting that a demand for information be issued to the boiling-water reactor licensees with Mark I and Mark II design regarding compliance with 10 CFR 50, Appendix A, General Design Criteria 44, "Cooling water," and 10 CFR 50.49, "Environmental qualification."

As Petition Manager, I would like to inform you that you have the right to submit a voluntary response to the issues identified in the Petition in accordance with NRC Management Directive 8.11, "Review Process for 10 CFR 2.206 Petitions" (ADAMS Accession No. ML041770328). If you choose to provide a voluntary response, the response will be made publicly available. Your response should also be sent to UCS, the petitioner, for their information. Your response should avoid using proprietary or personal privacy information that requires protection from public disclosure.

If you choose to respond, I am asking that you provide your response within 45 days of the date of this letter.

Sincerely,  
*/ra/*

Michele G. Evans, Director  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

cc: Listserv

DISTRIBUTION: G20110563/EDATS: OEDO-2011-0535

See next page

**ADAMS Accession No.: ML12172A157**

OFFICE	LPL1-2/PM	LPL1-2/LA	LPL1-2/BC	DORL/DD	DORL/D
NAME	JLamb	ABaxter (w/comments)	MKhanna	LLund	MEvans
DATE	06/28/12	06/27/12	06/28/12	07/05/12	07/06/12

**OFFICIAL RECORD COPY**