



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

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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"

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

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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

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