



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

May 11, 2012

All Power Reactor Licensees and
Holders of Construction Permits in
Active or Deferred Status

SUBJECT: PRIORITIZATION OF RESPONSE DUE DATES FOR REQUEST FOR
INFORMATION PURSUANT TO TITLE 10 OF THE *CODE OF FEDERAL
REGULATIONS* 50.54(f) REGARDING FLOODING HAZARD REEVALUATIONS
FOR RECOMMENDATION 2.1 OF THE NEAR-TERM TASK FORCE REVIEW OF
INSIGHTS FROM THE FUKUSHIMA DAI-ICHI ACCIDENT

On March 12, 2012, the U.S. Nuclear Regulatory Commission (NRC) issued a request for information pursuant to Title 10 of the *Code of Federal Regulations*, Part 50, Section 54(f). The purpose of that request was to gather sufficient information to enable the NRC staff to determine whether the nuclear plant licenses under your responsibility should be modified, suspended, or revoked. Enclosure 2 to that letter directed the reevaluation of flooding hazards at operating reactor sites. The required response section of Enclosure 2 indicated that the Hazard Reevaluation Report would be due within one to three years from the date of the letter. Further, it specified that NRC would provide a prioritization plan indicating deadlines for individual plants to complete the reevaluations. The purpose of this letter is to provide you with the prioritization plan developed by the NRC and the resultant list of due dates for all sites.

Since the issuance of the information request, the NRC has held multiple public meetings and teleconferences to gather stakeholder feedback on this topic. On March 15, 2012, the Nuclear Energy Institute (NEI), on the industry's behalf, provided a methodology for categorizing flooding reevaluations using indicators for susceptibility and complexity.¹ The NRC staff considered the industry's proposal during development of the flood prioritization criteria described below. Additionally, at a public teleconference on May 7, 2012, NEI provided a proposed list of due dates for all sites² that included site-specific considerations. The NRC also considered this input in the development of the final list.

The NRC staff used the following criteria to assign plants a schedule for completing the flood hazard reevaluations:

1. What is the potential that an integrated assessment will have to be conducted based upon the reevaluated hazard? (This is based on plant-specific insights available to the staff regarding the potential flood hazard and existing flood protection, combined operating license (COL) and early site permit (ESP) reviews for co-located sites, and the Generic Issue-204 screening report).
2. How quickly can the flooding hazard reevaluation be completed?

¹ The NEI proposed method is available in the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML12075A048.

² The NEI proposed list is available in ADAMS under Accession No. ML12125A331.

3. How can industry and staff resources be most effectively and efficiently applied (e.g., a particular utility may have multiple sites and limited in-house expertise; therefore, not all of that utility's sites were placed in the same category)?

The three categories below correspond to the length of time allotted to complete the hazard reevaluation and report the results to the NRC:

Category 1: Licensees in this category are expected to report the results of reevaluations within one year. This category includes most sites that are co-located with an ESP or COL site. Except for the site-specific drainage analysis of the operating units; flooding hazards at these sites have already been analyzed using present-day methodologies and guidance. Therefore, the NRC staff expects that the reevaluated hazards can be reported with relatively little additional effort. Category 1 also includes some sites where the staff is aware that a flooding reanalysis was already started and should be finished within a year. Finally, Category 1 includes some sites where the NRC staff anticipates the reevaluated hazard could potentially result in the need for an integrated assessment.

Category 2: Licensees in this category are expected to report the results of reevaluations within two years. This category includes sites where the analysis is expected to be more complex than those in Category 1 or sites with a complex hazard analysis that is already underway. Examples of more complex hazard analyses include sites that are potentially susceptible to flooding due to multiple upstream dam failures, storm surge, and tsunami hazards.

Category 3: Licensees in this category are expected to report the results of the reevaluations within three years. This category includes sites for which the staff expects reevaluation of flooding hazards will take more than two years to complete, because reevaluation of the hazards for these sites is more complex than Category 2. Examples of more complex hazard analyses include sites potentially susceptible to flooding due to multiple dam failures, storm surge, tsunami hazard, and large watersheds.

If you have any questions on this matter, please contact your NRC licensing Project Manager.

Sincerely,



Eric J. Leeds, Director
Office of Nuclear Reactor Regulation

Enclosures:

1. Prioritization List
2. Licensees

cc: Listserv

Near-Term Task Force Review of Insights from the Fukushima Dai-Ichi Accident

Flooding Hazard Reevaluation Prioritization List for Reactor Sites

Category 1 Sites - Due March 12, 2013

Callaway Plant , Unit 1
Calvert Cliffs Nuclear Power Plant, Units 1 & 2
Comanche Peak Nuclear Power Plant, Units 1 & 2
Dresden Nuclear Power Station, Units 2 & 3
Fermi, Unit 2
Grand Gulf Nuclear Station, Unit 1
Hope Creek Generating Station, Unit 1
Indian Point Energy Center, Units 2 & 3
Nine Mile Point Nuclear Station, Units 1 & 2
North Anna Power Station, Units 1 & 2
Oconee Nuclear Station, Units 1, 2, & 3
Quad Cities Nuclear Power Station, Unit 1 & 2
Salem Nuclear Generating Station, Unit 1 & 2
Sequoyah Nuclear Plant, Units 1 & 2
Shearon Harris Nuclear Power Plant, Unit 1
South Texas Project, Units 1 & 2
Three Mile Island Nuclear Station, Unit 1
Turkey Point Nuclear Generating, Units 3 & 4
Vermont Yankee Nuclear Power Station
Virgil C. Summer Nuclear Station, Unit 1
Vogtle Electric Generating Plant, Units 1 & 2
Watts Bar Nuclear Plant, Unit 1 & 2

Category 2 Sites - Due March 12, 2014

Arkansas Nuclear One, Units 1 & 2
Beaver Valley Power Station, Units 1 & 2
Braidwood Station, Units 1 & 2
Browns Ferry Nuclear Plant, Units 1, 2 & 3
Byron Station, Units 1 & 2
Catawba Nuclear Station, Units 1 & 2
Clinton Power Station, Unit 1
Columbia Generating Station
Cooper Nuclear Station
Davis-Besse Nuclear Power Station, Unit 1
Duane Arnold Energy Center
Edwin I. Hatch Nuclear Plant, Units 1 & 2

Category 2 Sites – Due March 12, 2014 (Continued)

Fort Calhoun Station, Unit 1
H.B. Robinson Steam Electric Plant, Unit 2
Joseph M. Farley Nuclear Plant, Units 1 & 2
Kewaunee Power Station
LaSalle County Station, Units 1 & 2
Monticello Nuclear Generating Plant, Unit 1
Palo Verde Nuclear Generating Station, Units 1, 2, & 3
Peach Bottom Atomic Power Station, Units 2 & 3
Prairie Island Nuclear Generating Plant, Units 1 & 2
River Bend Station, Unit 1
William B. McGuire Nuclear Station, Units 1 & 2
Wolf Creek Generating Station, Unit 1

Category 3 Sites - Due March 12, 2015

Bellefonte Nuclear Power Station, Units 1 & 2
Brunswick Steam Electric Plant, Units 1 & 2
Crystal River Nuclear Generating Plant, Unit 3
Diablo Canyon Power Plant, Units 1 & 2
Donald C. Cook Nuclear Plant, Unit 1 & 2
James A. FitzPatrick Nuclear Power Plant
Limerick Generating Station, Units 1 & 2
Millstone Power Station, Units 2 & 3
Oyster Creek Nuclear Generating Station
Palisades Nuclear Plant
Perry Nuclear Power Plant, Unit 1
Pilgrim Nuclear Power Station, Unit 1
Point Beach Nuclear Plant, Units 1 & 2
R. E. Ginna Nuclear Power Plant
San Onofre Nuclear Generating Station, Units 2 & 3
Seabrook Station, Unit 1
St. Lucie Plant, Units 1 & 2
Surry Power Station, Units 1 & 2
Susquehanna Steam Electric Station, Units 1 & 2
Waterford Steam Electric Station, Unit 3

POWER REACTOR LICENSEES AND HOLDERS OF
CONSTRUCTION PERMITS IN ACTIVE OR DEFERRED STATUS

Arkansas Nuclear One
Entergy Operations, Inc.
Docket Nos. 50-313 and 50-368
License Nos. DPR-51 and NPF-6

Mr. Christopher J. Schwarz
Vice President, Operations
Entergy Operations, Inc.
Arkansas Nuclear One
1448 S.R. 333
Russellville, AR 72802

Beaver Valley Power Station
First Energy Nuclear Operating Co.
Docket Nos. 50-334 and 50-412
License Nos. DPR-66 and NPF-73

Mr. Paul A. Harden
Site Vice President
FirstEnergy Nuclear Operating Company
Mail Stop A-BV-SEB1
P.O. Box 4, Route 168
Shippingport, PA 15077

Bellefonte Nuclear Power Station
Tennessee Valley Authority
Docket Nos. 50-438 and 50-439
Construction Permit Nos. CPPR No. 122 and CPPR No. 123

Mr. Michael D. Skaggs
Senior Vice President, Nuclear Generation Development and Construction
Tennessee Valley Authority
6A Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Braidwood Station
Exelon Generation Co., LLC
Docket Nos. STN 50-456 and STN 50-457
License Nos. NPF-72 and NPF-77

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

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

Mr. Preston D. Swafford
Chief Nuclear Officer and Executive Vice President
Tennessee Valley Authority
3R Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Brunswick Steam Electric Plant
Carolina Power & Light Co.
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

Byron Station
Exelon Generation Co., LLC
Docket Nos. STN 50-454 and STN 50-455
License Nos. NPF-37 and NPF-66

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President and Chief Nuclear Officer
Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

Callaway Plant
Union Electric Co.
Docket No. 50-483
License No. NPF-30

Mr. Adam C. Heflin
Senior Vice President and Chief Nuclear Officer
Union Electric Company
P. O. Box 620
Fulton, MO 65251

Calvert Cliffs Nuclear Power Plant
Calvert Cliffs Nuclear Power Plant, LLC
Docket Nos. 50-317 and 50-318
License Nos. DPR-53 and DPR-69

Mr. George H. Gellrich
Vice President
Calvert Cliffs Nuclear Power Plant, LLC
Calvert Cliffs Nuclear Power Plant
1650 Calvert Cliffs Parkway
Lusby, MD 20657-4702

Catawba Nuclear Station
Duke Energy Carolinas, LLC
Docket Nos. 50-413 and 50-414
License Nos. NPF-35 and NPF-52

Mr. James R. Morris
Site Vice President
Duke Energy Carolinas, LLC
Catawba Nuclear Station
4800 Concord Road
York, SC 29745

Clinton Power Station
Exelon Generation Co., LLC
Docket No. 50-461
License No. NPF-62

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

Columbia Generating Station
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

Comanche Peak Nuclear Power Plant

Luminant Generation Co., LLC
Docket Nos. 50-445 and 50-446
License Nos. NPF-87 and NPF-89

Mr. Rafael Flores
Senior Vice President and Chief Nuclear Officer
Luminant Generation Company, LLC
Attn: Regulatory Affairs
P. O. Box 1002
Glen Rose, TX 76043

Cooper Nuclear Station

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

Crystal River Nuclear Generating Plant

Florida Power Corp.
Docket No. 50-302
License No. DPR-72

Mr. Jon A. Franke
Vice President
Attn: Supervisor, Licensing & Regulatory Affairs
Progress Energy, Inc.
Crystal River Nuclear Plant (NA2C)
15760 West Power Line Street
Crystal River, FL 34428-6708

Davis-Besse Nuclear Power Station

First Energy Nuclear Operating Co.
Docket No. 50-346
License No. NPF-3

Mr. Barry S. Allen
Site Vice President
FirstEnergy Nuclear Operating Company
c/o Davis-Besse NPS
5501 N. State Route 2
Oak Harbor, OH 43449-9760

Diablo Canyon Power Plant

Pacific Gas & Electric Co.
Docket Nos. 50-275 and 50-323
License Nos. DPR-80 and DPR-82

Mr. John T. Conway
Senior Vice President - Energy Supply and Chief Nuclear Officer
Pacific Gas and Electric Company
Diablo Canyon Power Plant
77 Beale Street, Mail Code B32
San Francisco, CA 94105

Donald C. Cook Nuclear Plant

Indiana Michigan Power Co.
Docket Nos. 50-315 and 50-316
License Nos. DPR-58 and DPR-74

Mr. Lawrence J. Weber
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Indiana Michigan Power Company
Nuclear Generation Group
One Cook Place
Bridgman, MI 49106

Dresden Nuclear Power Station

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

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Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

Duane Arnold Energy Center

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
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Palo, IA 52324-9785

Edwin I. Hatch Nuclear Plant
Southern Nuclear Operating Co.
Docket Nos. 50-321 and 50-366
License Nos. DPR-57 and NPF-5

Mr. Dennis R. Madison
Vice President
Southern Nuclear Operating Company, Inc.
Edwin I. Hatch Nuclear Plant
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Baxley, GA 31513

Fermi
Detroit Edison Co.
Docket No. 50-341
License No. NPF-43

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Fort Calhoun Station
Omaha Public Power District
Docket No. 50-285
License No. DPR-40

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Omaha Public Power District
444 South 16th St. Mall
Omaha, NE 68102-2247

Grand Gulf Nuclear Station
Entergy Operations, Inc.
Docket No. 50-416
License No. NPF-29

Mr. Michael Perito
Vice President, Operations
Entergy Operations, Inc.
Grand Gulf Nuclear Station, Unit 1
7003 Bald Hill Road
Port Gibson, MS 39150

H. B. Robinson Steam Electric Plant
Carolina Power & Light Co.
Docket No. 50-261
License No. DPR-23

Mr. Robert J. Duncan II
Vice President
Carolina Power & Light Company
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Hartsville, SC 29550

Hope Creek Generating Station
PSEG Nuclear, LLC
Docket No. 50-354
License No. NPF-57

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

Indian Point Energy Center
Entergy Nuclear Operations, Inc.
Docket Nos. 50-247 and 50-286
License Nos. DPR-26 and DPR-64

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Entergy Nuclear Operations, Inc.
Indian Point Energy Center
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Buchanan, NY 10511-0249

James A. FitzPatrick Nuclear Power Plant
Entergy Nuclear Operations, Inc.
Docket No. 50-333
License No. DPR-59

Mike Colomb
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Entergy Nuclear Operations, Inc.
James A. FitzPatrick Nuclear Power Plant
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Joseph M. Farley Nuclear Plant
Southern Nuclear Operating Co.
Docket Nos. 50-348 and 50-364
License Nos. NPF-2 and NPF-8

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Southern Nuclear Operating Company, Inc.
Joseph M. Farley Nuclear Plant
7388 North State Highway 95
Columbia, AL 36319

Kewaunee Power Station
Dominion Energy Kewaunee, Inc.
Docket No. 50-305
License No. DPR-43

Mr. David A. Heacock
President and Chief Nuclear Officer
Dominion Energy Kewaunee, Inc.
Innsbrook Technical Center
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Glen Allen, VA 23060-6711

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

Mr. Michael J. Pacilio
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Exelon Nuclear
4300 Winfield Road
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Limerick Generating Station
Exelon Generation Co., LLC
Docket Nos. 50-352 and 50-353
License Nos. NPF-39 and NPF-85

Mr. Michael J. Pacilio
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Exelon Nuclear
4300 Winfield Road
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Millstone Power Station

Dominion Nuclear Connecticut, Inc.
Docket Nos. 50-336 and 50-423
License Nos. DPR-65 and NPF-49

Mr. David A. Heacock
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5000 Dominion Boulevard
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Monticello Nuclear Generating Plant

Northern States Power Company
Docket No. 50-263
License No. DPR-22

Mr. Timothy J. O'Connor
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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

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Nine Mile Point Nuclear Station, LLC
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North Anna Power Station

Virginia Electric & Power Co.
Docket Nos. 50-338 and 50-339
License Nos. NPF-4 and NPF-7

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Dominion Nuclear
Innsbrook Technical Center
5000 Dominion Boulevard
Glen Allen, VA 23060-6711

Oconee Nuclear Station

Duke Energy Carolinas, LLC
Docket Nos. 50-269, 50-270 and 50-287
License Nos. DPR-38, DPR-47 and DPR-55

Mr. Preston Gillespie
Site Vice President, Oconee Nuclear Station
Duke Energy Carolinas, LLC
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Seneca, SC 29672

Oyster Creek Nuclear Generating Station

Exelon Generation Co., LLC
Docket No. 50-219
License No. DPR-16

Mr. Michael J. Pacilio
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4300 Winfield Road
Warrenville, IL 60555

Palisades Nuclear Plant

Entergy Nuclear Operations, Inc.
Docket No. 50-255
License No. DPR-20

Mr. Anthony J. Vitale
Site Vice President - Palisades
Entergy Nuclear Operations, Inc.
Palisades Nuclear Plant
27780 Blue Star Memorial Highway
Covert, MI 49043

Palo Verde Nuclear Generating Station

Arizona Public Service Company
Docket Nos. STN 50-528, STN 50-529 and STN 50-530
License Nos. NPF-41, NPF-51 and NPF-74

Mr. Randall K. Edington
Executive Vice President Nuclear and Chief Nuclear Officer
Arizona Public Service Co.
P. O. Box 52034, MS 7602
Phoenix, AZ 85072-2034

Peach Bottom Atomic Power Station

Exelon Generation Co., LLC
Docket Nos. 50-277 and 50-278
License Nos. DPR-44 and DPR-56

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

Perry Nuclear Power Plant

First Energy Nuclear Operating Co.
Docket No. 50-440
License No. NPF-58

Mr. Vito A. Kaminskas
Site Vice President - Nuclear - Perry
FirstEnergy Nuclear Operating Company
Perry Nuclear Power Plant
10 Center Road, A290
Perry, OH 44081

Pilgrim Nuclear Power Station Unit No. 1

Entergy Nuclear Operations, Inc.
Docket No. 50-293
License No. DPR-35

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

Point Beach Nuclear Plant

NextEra Energy Point Beach, LLC
Docket Nos. 50-266 and 50-301
License Nos. DPR-24 and DPR-27

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Site Vice President
NextEra Energy Point Beach, LLC
Point Beach Nuclear Plant, Units 1 & 2
6610 Nuclear Road
Two Rivers, WI 54241-9516

Prairie Island Nuclear Generating Plant
Northern States Power Co. Minnesota
Docket Nos. 50-282 and 50-306
License Nos. DPR-42 and DPR-60

Mr. Mark A. Schimmel
Site Vice President
Northern States Power Company - Minnesota
Prairie Island Nuclear Generating Plant
1717 Wakonade Drive East
Welch, MN 55089-9642

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

Mr. Michael J. Pacilio
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Warrenville, IL 60555

R. E. Ginna Nuclear Power Plant
R.E. Ginna Nuclear Power Plant, LLC
Docket No. 50-244
License No. DPR-18

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R.E. Ginna Nuclear Power Plant, LLC
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River Bend Station
Entergy Operations, Inc.
Docket No. 50-458
License No. NPF-47

Mr. Eric W. Olson
Vice President, Operations
Entergy Operations, Inc.
River Bend Station
5485 U.S. Highway 61N
St. Francisville, LA 70775

Salem Nuclear Generating Station

PSEG Nuclear, LLC
Docket Nos. 50-272 and 50-311
License Nos. DPR-70 and DPR-75

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President and Chief Nuclear Officer
PSEG Nuclear LLC - N09
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San Onofre Nuclear Generating Station

Southern California Edison Co.
Docket Nos. 50-361 and 50-362
License Nos. NPF-10 and NPF-15

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Southern California Edison Company
San Onofre Nuclear Generating Station
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San Clemente, CA 92674-0128

Seabrook Station

NextEra Energy Seabrook, LLC
Docket No. 50-443
License No. NPF-86

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c/o Mr. Michael O'Keefe
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Sequoyah Nuclear Plant

Tennessee Valley Authority
Docket Nos. 50-327 and 50-328
License Nos. DPR-77 and DPR-79

Mr. Preston D. Swafford
Chief Nuclear Officer and Executive Vice President
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3R Lookout Place
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Shearon Harris Nuclear Power Plant
Carolina Power & Light Co.
Docket No. 50-400
License No. NPF-63

Mr. Christopher L. Burton
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Progress Energy Carolinas, Inc.
Shearon Harris Nuclear Power Plant
P. O. Box 165, Mail Zone 1
New Hill, NC 27562-0165

South Texas Project
STP Nuclear Operating Co.
Docket Nos. 50-498 and 50-499
License Nos. NPF-76 and NPF-80

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STP Nuclear Operating Company
South Texas Project
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Wadsworth, TX 77483

St. Lucie Plant
Florida Power & Light Co.
Docket Nos. 50-335 and 50-389
License Nos. DPR-67 and NPF-16

Mr. Mano Nazar
Executive Vice President and Chief Nuclear Officer
NextEra Energy
700 Universe Boulevard
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Juno Beach, FL 33408-0420

Surry Power Station
Virginia Electric & Power Co.
Docket Nos. 50-280 and 50-281
License Nos. DPR-32 and DPR-37

Mr. David A. Heacock
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Dominion Nuclear
Innsbrook Technical Center
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Glen Allen, VA 23060-6711

Susquehanna Steam Electric Station

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

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

Three Mile Island Nuclear Station, Unit 1

Exelon Generation Co., LLC
Docket No. 50-289
License No. DPR-50

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

Turkey Point

Florida Power & Light Co.
Docket Nos. 50-250 and 50-251
License Nos. DPR-31 and DPR-41

Mr. Mano Nazar
Executive Vice President and Chief Nuclear Officer
NextEra Energy
700 Universe Boulevard
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Juno Beach, FL 33408-0420

Vermont Yankee Nuclear Power Station

Entergy Nuclear Operations, Inc.
Docket No. 50-271
License No. DPR-28

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

Virgil C. Summer Nuclear Station
South Carolina Electric & Gas Co.
Docket No. 50-395
License No. NPF-12

Mr. Thomas D. Gatlin
Vice President Nuclear Operations
South Carolina Electric & Gas Company
Virgil C. Summer Nuclear Station
Post Office Box 88, Mail Code 300
Jenkinsville, SC 29065

Vogtle Electric Generating Plant
Southern Nuclear Operating Co.
Docket Nos. 50-424 and 50-425
License Nos. NPF-68 and NPF-81

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Southern Nuclear Operating Company, Inc.
Vogtle Electric Generating Plant
7821 River Road
Waynesboro, GA 30830

Waterford Steam Electric Station
Entergy Operations, Inc.
Docket No. 50-382
License No. NPF-38

Ms. Donna Jacobs
Vice President, Operations
Entergy Operations, Inc.
Waterford Steam Electric Station, Unit 3
17265 River Road
Killona, LA 70057-0751

Watts Bar Nuclear Plant, Unit 1
Tennessee Valley Authority
Docket No. 50-390
License No. NPF-90

Mr. Preston D. Swafford
Chief Nuclear Officer and Executive Vice President
Tennessee Valley Authority
3R Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Watts Bar Nuclear Plant, Unit 2
Tennessee Valley Authority
Docket No. 50-391
Construction Permit No. CPPR No. 092

Mr. Michael D. Skaggs
Senior Vice President, Nuclear Generation Development and Construction
Tennessee Valley Authority
6A Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

William B. McGuire Nuclear Station
Duke Energy Carolinas, LLC
Docket Nos. 50-369 and 50-370
License Nos. NPF-9 and NPF-17

Mr. Regis T. Repko
Vice President
Duke Energy Carolinas, LLC
McGuire Nuclear Site
12700 Hagers Ferry Road
Huntersville, NC 28078

Wolf Creek Generating Station
Wolf Creek Nuclear Operating Corp.
Docket No. 50-482
License No. NPF-42

Mr. Matthew W. Sunseri
President and Chief Executive Officer
Wolf Creek Nuclear Operating Corporation
P. O. Box 411
Burlington, KS 66839

- How can industry and staff resources be most effectively and efficiently applied (e.g., a particular utility may have multiple sites and limited in-house expertise; therefore, not all of that utility's sites were placed in the same category)?

The three categories below correspond to the length of time allotted to complete the hazard reevaluation and report the results to the NRC:

Category 1: Licensees in this category are expected to report the results of reevaluations within one year. This category includes most sites that are co-located with an ESP or COL site. Except for the site-specific drainage analysis of the operating units; flooding hazards at these sites have already been analyzed using present-day methodologies and guidance. Therefore, the NRC staff expects that the reevaluated hazards can be reported with relatively little additional effort. Category 1 also includes some sites where the staff is aware that a flooding reanalysis was already started and should be finished within a year. Finally, Category 1 includes some sites where the NRC staff anticipates the reevaluated hazard could potentially result in the need for an integrated assessment.

Category 2: Licensees in this category are expected to report the results of reevaluations within two years. This category includes sites where the analysis is expected to be more complex than those in Category 1 or sites with a complex hazard analysis that is already underway. Examples of more complex hazard analyses include sites that are potentially susceptible to flooding due to multiple upstream dam failures, storm surge, and tsunami hazards.

Category 3: Licensees in this category are expected to report the results of the reevaluations within three years. This category includes sites for which the staff expects reevaluation of flooding hazards will take more than two years to complete, because reevaluation of the hazards for these sites is more complex than Category 2. Examples of more complex hazard analyses include sites potentially susceptible to flooding due to multiple dam failures, storm surge, tsunami hazard, and large watersheds.

If you have any questions on this matter, please contact your NRC licensing Project Manager.

Sincerely,
 /ra/
 Eric J. Leeds, Director
 Office of Nuclear Reactor Regulation

- Enclosures:
- Prioritization List
 - Licensees

cc: Listserv

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