



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

May 9, 2011

Holders of Licenses for Operating  
Power Reactors listed in the Enclosure

SUBJECT: CYBER SECURITY PLAN IMPLEMENTATION SCHEDULE

In accordance with the requirements of Title 10 of the *Code of Federal Regulations* (10 CFR) 73.54, you submitted a cyber security plan (CSP), requesting review and approval by the U.S. Nuclear Regulation Commission (NRC). In addition, you submitted a CSP implementation schedule for NRC approval, also required by 10 CFR 73.54. As stated in that regulation, "implementation of the licensee's cyber security program must be consistent with the approved schedule."

The NRC staff is currently reviewing your CSP submittal and supplemental responses to requests for additional information. The NRC staff is also reviewing your revised CSP implementation schedule, including the proposed key intermediate milestone dates and the full CSP implementation date.

The purpose of this letter is to inform you that, if the NRC staff determines that your CSP and proposed implementation schedule meet all regulatory requirements, the following paragraph will be included in the license amendment authorization page:

This license amendment is effective as of the date of its issuance. The implementation of the cyber security plan (CSP), including the key intermediate milestone dates and the full implementation date, shall be in accordance with the implementation schedule submitted by the licensee on [CSP implementation schedule submittal date], and approved by the NRC staff with this license amendment. All subsequent changes to the NRC-approved CSP implementation schedule will require prior NRC approval pursuant to 10 CFR 50.90.

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Please contact your Licensing Project Manager if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "R. Pascarelli". The signature is fluid and cursive, with a large initial "R" and a distinct "i" at the end.

Robert J. Pascarelli, Chief  
Plant Licensing Branch III-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos.: See Enclosure

Enclosure: Addressee List

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### ADDRESSEE LIST

Facilities	Addressee
Arkansas Nuclear One, Units 1 and 2 Docket Nos. 50-313 & 50-368 License Nos. DPR-51, NPF-6	Christopher J. Schwartz Vice President, Operations Entergy Operations, Inc. Arkansas Nuclear One 1448 S.R. 333 Russellville, AR 72802
Beaver Valley Power Station, Unit Nos. 1 and 2 Docket Nos. 50-334 - 50-412 License Nos. DPR-66, NPF-73	Paul A. Harden Site Vice President FirstEnergy Nuclear Operating Company Beaver Valley Power Station P.O. Box 4, Route 168 Shippingport, PA 15077
Braidwood Station, Units 1 and 2 Docket Nos. STN 50-456 & STN 50-457 License Nos. NPF-72, NPF-77	Michael J. Pacilio President and Chief Nuclear Officer Exelon Generation Company, LLC 4300 Winfield Road Warrenville, IL 60555
Byron Station, Unit Nos. 1 and 2 Docket Nos. STN 50-454, STN 50-455 License Nos. NPF-37, NPF-66	
Clinton Power Station, Unit No. 1 Docket No. 50-461 License No. NPF-62	
Dresden Nuclear Power Station, Units 2 and 3 Docket Nos. 50-237, 50-249 License Nos. DPR-19, DPR-25	
LaSalle County Station, Units 1 and 2 Docket Nos. 50-373, 50-374 License Nos. NPF-11, NPF-18	
Quad Cities Nuclear Power Station, Units 1 and 2 Docket Nos. 50-254, 50-265 License Nos. DPR-29, DPR-30	

<p>Limerick Generating Station, Units 1 and 2  Docket Nos. 50-352, 50-353  License Nos. NPF-39, NPF-85</p>	<p>Michael J. Pacilio  President and Chief Nuclear Officer  Exelon Generation Company, LLC  4300 Winfield Road  Warrenville, IL 60555</p>
<p>Oyster Creek Nuclear Generating Station  Docket No. 50-219  License No. DPR-16</p>	
<p>Peach Bottom Atomic Power Station, Units 2 and 3  Docket Nos. 50-277, 50-278  License Nos. DPR-44, DPR-56</p>	
<p>Three Mile Island Nuclear Station, Unit 1  Docket No. 50-289  License No. DPR-50</p>	
<p>Browns Ferry Nuclear Plant, Units 1, 2, and 3  Docket Nos. 50-259, 50-260, &amp; 50-296  License Nos. DPR-33, DPR-52, DPR-68</p>	<p>Rodney M. Krich  Vice President, Nuclear Licensing  Tennessee Valley Authority  3R Lookout Place  1101 Market Street  Chattanooga, TN 37402-2801</p>
<p>Sequoyah Nuclear Plant, Units 1 and 2  Docket Nos. 50-327 and 50-328  License Nos. DPR-77 and DPR-79</p>	
<p>Watts Bar Nuclear Plant, Unit 1  Docket No. 50-390  License No. NPF-90</p>	
<p>Brunswick Steam Electric Plant, Units 1 and 2  Docket Nos. 50-325, 50-324  License Nos. DPR-71, DPR-62</p>	
<p>Shearon Harris Nuclear Power Plant, Unit 1  Docket No. 50-400  License No. NPF-63</p>	<p>C. S. Kamilaris  Director - Fleet Support Services  Progress Energy  PO Box 1551  411 Fayetteville Street Mall  Raleigh, NC 27602</p>

<p>H. B. Robinson Steam Electric Plant, Unit 2  Docket No. 50-261  License No. DPR-23</p>	<p>C. S. Kamilaris  Director - Fleet Support Services  Progress Energy  PO Box 1551  411 Fayetteville Street Mall  Raleigh, NC 27602</p>
<p>Crystal River Unit 3 Nuclear Generating Plant  Docket No. 50-302  License No. DPR-72</p>	
<p>Callaway Plant, Unit1  Docket No. 50-483  License No. NPF-30</p>	<p>Adam C. Heflin  Senior Vice President and  Chief Nuclear Officer  Union Electric Company  Ameren Missouri  P.O. Box 620  Fulton, MO 65251</p>
<p>Calvert Cliffs Nuclear Power Plant, Units 1 and 2  Docket Nos. 50-317, 50-318  License Nos. DPR-53, DPR-69</p>	<p>Maria Korsnick  Chief Nuclear Officer, SVP – Chief  Operations Officer  Constellation Energy Nuclear  Group, LLC  100 Constellation Way, Suite 200C  Baltimore, MD 21202</p>
<p>Nine Mile Point Nuclear Station,  Units 1 and 2  Docket Nos. 50-220 &amp; 50-410  License Nos. DPR-63 &amp; NPF-69</p>	
<p>R. E. Ginna Nuclear Power Plant  Docket No. 50-244  License No. DPR-18</p>	
<p>Catawba Nuclear Station, Units 1 and 2  Dockets Nos. 50-413, 50-414  License Nos. NPF-35, NPF-52</p>	<p>Michael R. Glover  General Manager, Nuclear Support  Duke Energy Carolinas, LLC  P.O. Box 1006  Charlotte, NC 28201-1106</p>

<p>McGuire Nuclear Station, Units 1 and 2  Docket Nos. 50-369 &amp; 50-370  License Nos. NPF-9 &amp; NPF-17</p>	<p>Michael R. Glover  General Manager, Nuclear Support  Nuclear Generation Duke Energy  Carolinas, LLC  P.O. Box 1006  Charlotte, NC 28201-1106</p>
<p>Oconee Nuclear Station, Units 1, 2, and 3  Docket Nos. 50-269, 50-270, &amp; 50-287  License Nos. DPR-38, DPR-47, &amp; DPR-55</p>	
<p>Columbia Generating Station  Docket No. 50-397  License No. NPF-21</p>	<p>Mark E. Reddeman  Chief Executive Officer  Energy Northwest  P.O. Box 968 (Mail Drop 1023)  Richland, WA 99352-0968</p>
<p>Comanche Peak Nuclear Power Plant  Units 1 and 2  Docket Nos. 50-445, 50-446  License Nos. NPF-87, NPF-89</p>	<p>Rafael Flores  Senior Vice President &amp; Chief Nuclear  Officer  Luminant Generation Company, LLC  P. O. Box 1002  6322 North FM 56  Glen Rose, TX 76043</p>
<p>Cooper Nuclear Station  Docket No. 50-298  License No. DPR-46</p>	<p>Demetrius L. Willis  General Manager of Plant Operations  Cooper Nuclear Station  P.O. Box 756  Brownville, NE 68321-0098</p>
<p>Davis-Besse Nuclear Power Station, Unit No. 1  Docket No. 50-346  License No. NPF-3</p>	<p>Barry S. Allen  Site Vice President  FirstEnergy Nuclear Operating Company  Davis-Besse Nuclear Power Station  5501 North State Route 2  Oak Harbor, OH 43449-9760</p>
<p>Diablo Canyon Nuclear Power Plant, Units 1 and 2  Docket Nos. 50-275 &amp; 50-323  License Nos. DPR-80 &amp; DPR-82</p>	<p>James R. Becker  Site Vice President  Pacific Gas and Electric Company  Diablo Canyon Power Plant  P.O. Box 3 Mail Station 104/6/601  Avila Beach, CA 93424</p>
<p>Donald C. Cook Nuclear Plant, Units 1 and 2  Docket Nos. 50-315 &amp; 50-316  License Nos. DPR-58 &amp; DPR-74</p>	<p>Joel P. Gebbie  Site Vice President  Indiana Michigan Power Company  One Cook Place  Bridgman, MI 49106</p>

<p>Duane Arnold Energy Center Docket No. 50-331 License No. DPR-49</p>	<p>Christopher R. Costanzo Vice President Duane Arnold Energy Center NextEra Energy Duane Arnold, LLC 3277 DAEC Road Palo, IA 52324-9785</p>
<p>Edwin I. Hatch Nuclear Plant, Units 1 and 2 Docket Nos. 50-321 &amp; 50-366 License Nos. DPR-57 &amp; NPF-5</p>	<p>M. J. Ajluni, Nuclear Licensing Director Southern Nuclear Operating Company, Inc. 40 Inverness Center Parkway P.O. Box 1295, Bin – 038 Birmingham, AL 35201-1295</p>
<p>Joseph M. Farley Nuclear Plant, Units 1 and 2 Docket Nos. 50-348 &amp; 50-364 License Nos. NPF-2 &amp; NPF-8</p>	
<p>Vogtle Electric Generating Plant, Units 1 and 2 Docket Nos. 50-424 &amp; 50-425 License Nos. NPF-68 &amp; NPF-81</p>	
<p>Fermi, Unit 2 Docket No. 50-341 License No. NPF-43</p>	<p>Jack M. Davis Senior Vice President and Chief Nuclear Officer Detroit Edison Company Fermi 2 - 210 NOC 6400 North Dixie Highway Newport, MI 48166</p>
<p>Fort Calhoun Station, Unit 1 Docket No. 50-285 License No. DPR-40</p>	<p>David J. Bannister Vice President and CNO Omaha Public Power District Fort Calhoun Station 444 South 16<sup>th</sup> Street Mall Omaha, NE 68102-2247</p>
<p>Grand Gulf Nuclear Station, Unit 1 Docket No. 50-416 License No. NPF-29</p>	<p>Marty L. Richey Director, Nuclear Safety Assurance Entergy Operations, Inc. Grand Gulf Nuclear Station 7003 Bald Hill Road P. O. Box 756 Port Gibson, MS 39150</p>

<p>Hope Creek Generating Station  Docket No. 50-354  License No. NPF-57</p>	<p>Robert Braun  Senior Vice President - Nuclear  PSEG Nuclear LLC  P.O. Box 236, N09  Hancocks Bridge, NJ 08038</p>
<p>Salem Nuclear Generating Station,  Unit Nos. 1 and 2  Docket Nos. 50-272, 50-311  License Nos. DPR-70, DPR-75</p>	
<p>Indian Point Nuclear Generating,  Unit Nos. 2 and 3  Docket Nos. 50-247, 50-286  License Nos. DPR-26, DPR-64</p>	<p>Joseph Pollock  Site Vice President  Entergy Nuclear Operations Inc.  Indian Point Energy Center  450 Broadway, GSB  P.O. Box 249  Buchanan, NY 10511-0249</p>
<p>James A. FitzPatrick Nuclear Power Plant  Docket No. 50-333  License No. DPR-59</p>	<p>Kevin Bronson – Site Vice President  Entergy Nuclear Operations, Inc.  James A. FitzPatrick Nuclear Power  Plant  P.O. Box 110  Lycoming, NY 13093</p>
<p>Pilgrim Nuclear Power Station  Docket No. 50-293  License No. DPR-35</p>	<p>Robert Smith  Site Vice President  Entergy Nuclear Operations, Inc.  Pilgrim Nuclear Power Station  600 Rocky Hill Road  Plymouth, MA 02360-5508</p>
<p>Vermont Yankee Nuclear Power Station  Docket No. 50-271  License No. DPR-28</p>	<p>Michael J. Colomb  Site Vice President  Entergy Nuclear Operations, Inc.  Vermont Yankee Nuclear Power Station  320 Governor Hunt Road  Vernon, VT 05354</p>
<p>Kewaunee Power Station  Docket No. 50-305  License No. DPR-43</p>	<p>David A. Heacock  President and Chief Nuclear Officer  Dominion Nuclear  5000 Dominion Boulevard  Glen Allen, VA 23060-6711</p>
<p>Millstone Power Station, Unit Nos. 2 and 3  Docket Nos. 50-336, 50-423  License Nos. DPR-65, NPF-49</p>	
<p>North Anna Power Station, Units 1 and 2  Docket Nos. 50-338, 50-339  License Nos. NPF-4, NPF-7</p>	



<p>Surry Power Station, Units 1 and 2  Docket Nos. 50-280, 50-281  License Nos. DPR-32, DPR-37</p>	<p>David A. Heacock  President and Chief Nuclear Officer  Dominion Nuclear  5000 Dominion Boulevard  Glen Allen, VA 23060-6711</p>
<p>Monticello Nuclear Generating Plant, Unit No. 1  Docket No. 50-263  License No. DPR-22</p>	<p>James E. Molden  Vice President, Operations Support  Xcel Energy  414 Nicollet Mall - MP4  Minneapolis, MN 55401</p>
<p>Prairie Island Nuclear Generating Plant,  Units 1 and 2  Docket Nos. 50-282 &amp; 50-306  License Nos. DPR-42 &amp; DPR-60</p>	
<p>Palisades Nuclear Plant  Docket No. 50-255  License No. DPR-20</p>	<p>Vice President, Operations  Entergy Nuclear Operations, Inc.  Palisades Nuclear Plant  27780 Blue Star Memorial Highway  Covert, MI 49043-9530</p>
<p>Palo Verde Nuclear Generating Station,  Units 1, 2 and 3  Docket Nos. STN 50-528, STN 50-529,  &amp; STN-50-530  License Nos. NPF-41, NPF-51, &amp; NPF-74</p>	<p>John H. Hesser  Vice President  Nuclear Engineering and Support  Palo Verde Nuclear Generating Station  Mail Station 7605  Arizona Public Service Company  P. O. Box 52034  Phoenix, AZ 85072-2034</p>
<p>Perry Nuclear Power Plant, Unit No. 1  Docket No. 50-440  License No. NPF-58</p>	<p>Mark Bezilla  Vice President  FirstEnergy Nuclear Operating Company  Mail Stop: A-PY-A290  10 Center Road  Perry, OH 44081-0097</p>
<p>Point Beach Nuclear Plant, Units 1 and 2  Docket Nos. 50-266 &amp; 50-301  License Nos. DPR-24 &amp; DPR-27</p>	<p>Larry Meyer  Site Vice President  NextEra Energy Point Beach, LLC  Point Beach Nuclear Plant  6610 Nuclear Road  Two Rivers, WI 54241-9516</p>

<p>River Bend Station, Unit 1  Docket No. 50-458  License No. NPF-47</p>	<p>Michael Perito  Vice President, Operations  Entergy Operations, Inc.  River Bend Station  5485 US Highway 61N  St. Francisville, LA 70775</p>
<p>San Onofre Nuclear Generating Station,  Units 2 and 3  Docket Nos. 50-361 &amp; 50-362  License Nos. NPF-10 &amp; NPF-15</p>	<p>D. Bauder  Senior Vice President and  Chief Nuclear Officer  Southern California Edison Company  San Onofre Nuclear Generating Station  Mail Stop D45  P. O. Box 128  San Clemente, CA 92674-0128</p>
<p>Seabrook Station, Unit 1  Docket No. 50-443  License No. NPF-86</p>	<p>Paul Freeman  Site Vice President  Seabrook Station  NextEra Energy Seabrook, LLC  P. O. Box 300  Seabrook, NH 03874</p>
<p>South Texas Project, Units 1 and 2  Docket Nos. 50-498 &amp; 50-499  License Nos. NPF-76 &amp; NPF-80</p>	<p>Edward D. Halpin  President and Chief Executive Office  STP Nuclear Operating Company  South Texas Project  P. O. Box 289  Wadsworth, TX 77483</p>
<p>St. Lucie Nuclear Plant, Units 1 and 2  Docket Nos. 50-335, 50-389  License Nos. DPR-67, NPF-16</p>	<p>Mano Nazar  Senior Vice President, Nuclear  and Chief Nuclear Officer  Florida Power and Light Company  P. O. Box 14000  Juno Beach, FL 33408-0420</p>
<p>Turkey Point Nuclear Plant, Units 3 and 4  Docket Nos. 50-250, 50-251  License Nos. DPR-31, DPR-41</p>	<p>Mano Nazar  Executive Vice President and Chief  Nuclear Officer  Florida Power &amp; Light Company  P.O. Box 14000  Juno Beach, FL 33408-0420</p>
<p>Susquehanna Steam Electric Station,  Units 1 and 2  Docket Nos. 50-387 &amp; 50-388  License Nos. NPF-14 &amp; NPF-22</p>	<p>Timothy S. Rausch  Senior Vice President and Chief Nuclear  Officer  PPL Susquehanna, LLC  Mail Stop: NUCSB3  769 Salem Boulevard  Berwick, PA 18603</p>

<p>Virgil C. Summer Nuclear Station  Docket No. 50-395  License No. NPF-12</p>	<p>Thomas D. Gatlin  Vice President, Nuclear Operations  South Carolina Electric and Gas  Company  Virgil C. Summer Nuclear Station  P. O. Box 88  Jenkinsville, SC 29065</p>
<p>Waterford Steam Electric Station, Unit 3  Docket No. 50-382  License No. NPF-38</p>	<p>Joseph A. Kowalewski  Vice President, Operations  Entergy Operations, Inc.  Waterford Steam Electric Station, Unit 3  17265 River Road  Killona, LA 70057-3093</p>
<p>Wolf Creek Generating Station, Unit 1  Docket No. 50-482  License No. NPF-42</p>	<p>Stephen E. Hedges  Site Vice President  Wolf Creek Nuclear Operating  Corporation  P. O. Box 411  Burlington, KS 66839</p>

Letter to Holders of Licenses for Operating Power Reactors dated

SUBJECT: CYBER SECURITY PLAN IMPLEMENTATION SCHEDULE

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RidsNrrPMRobinson Resource		RidsNrrPMSurry Resource	
RidsNrrPMCrystalRiver Resource		RidsNrrPMMonticello Resource	
RidsNrrPMCallaway Resource		RidsNrrPMPrairieIsland Resource	
RidsNrrPMCalvertCliffs Resource		RidsNrrPMPalisades Resource	
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		RidsNrrPMWolfCreek Resource	

Please contact your Licensing Project Manager if you have any questions.

Sincerely,

*/RA/*

Robert J. Pascarelli, Chief  
Plant Licensing Branch III-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos.: See Enclosure

Enclosure: Addressee List

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