

January 4, 2007

Holders of Operating Licenses for  
Pressurized-Water Reactors  
Listed in Enclosure 1

SUBJECT: ALTERNATIVE APPROACH FOR RESPONDING TO THE NUCLEAR  
REGULATORY COMMISSION REQUEST FOR ADDITIONAL INFORMATION  
LETTER REGARDING GENERIC LETTER 2004-02 (DOCKET NOS.: SEE  
ENCLOSURE)

This letter supplements our letter of March 28, 2006, on the same subject which may be found on the Agencywide Documents Access and Management System (ADAMS) at Accession No. ML060870274. In that letter, the Nuclear Regulatory Commission (NRC) communicated to licensees its acceptance of a proposal by industry for an alternative approach and timetable for licensees to respond to the requests for additional information resulting from the NRC's review of the pressurized-water reactor (PWR) licensees' responses to Generic Letter (GL) 2004-02, "Potential Impact of Debris Blockage on Emergency Recirculation during Design Basis Accidents at Pressurized-Water Reactors."

In the March 28, 2006, letter and by letter to the Nuclear Energy Institute (NEI) dated March 3, 2006 (ADAMS Accession No. ML060650335), the NRC stated its expectation that units completing their outage to incorporate strainer modifications in 2006 would provide the NRC the information needed to fully address GL 2004-02 by December 31, 2006. For units installing strainers after 2006, the letters indicated that information needed to fully address GL 2004-02 is expected to be provided to the NRC within 90 days of outage completion but not later than December 31, 2007.

Since these letters were written, it has come to the NRC's attention that some licensees installing modified strainers in 2006 would not be able to complete all their supporting evaluations in time to support a December 31, 2006, submission date. The delays are the result of ongoing testing and analysis to support resolution of chemical effects issues. Rather than seek a partial response by the end of 2006 for these licensees, and a complete response from other licensees, the NRC indicated in a letter to NEI dated November 14, 2006, (ADAMS Accession No. ML063110263) that the Agency expects that all PWR licensees will submit a complete supplemental response as soon in 2007 as the information and analysis results are available. The NRC expects that all responses will be provided no later than December 31, 2007. This letter, which is a follow-up to the November 14, 2006, letter to NEI, provides the same information and expectations to individual licensees.

The NRC has received questions on expectations for submittal of GL 2004-02 responses by licensees with an approved extension for completion of GL 2004-02 corrective actions past December 31, 2007. Because the extensions have generally been granted to allow installation of certain equipment in spring 2008, the NRC expects that the design of such equipment will have occurred in time to support a complete GL 2004-02 response by December 31, 2007. If any substantive GL corrective action analytical results or technical details change in 2008 (e.g.,

during an outage in which GL corrective action modifications are completed), the NRC expects that the facility GL response will be appropriately updated within 90 days of the change or outage completion.

As licensees are implementing their corrective actions, the NRC staff is looking toward the closure of Generic Safety Issue 191. As part of the closure activities, the NRC staff will have to ascertain that licensees have completed all their corrective actions and updated their licensing bases, as appropriate. Several licensees have committed to providing this information. The NRC expects that all licensees will inform the NRC, either in supplemental GL 2004-02 responses or by separate correspondence as appropriate, when all GSI-191 actions are complete.

If you would like to discuss the contents of this letter further, please contact your Project Manager or Mr. Joe Golla at (301) 415-1002.

Sincerely,

*/RA/*

Catherine Haney, Director  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. (See Enclosure 1)

Enclosure:  
Addressee List

cc: Plant Mailing Lists (see ADAMS No. ML063470528)

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If you would like to discuss the contents of this letter further, please contact your Project Manager or Mr. Joe Golla at (301) 415-1002.

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Catherine Haney, Director  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. (See Enclosure 1)

Enclosure:  
Addressee List

cc: Plant Mailing Lists (see ADAMS No. ML063470528)

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|--------|-----------|-----------|----------|-----------|----------|
| OFFICE | LPL1-1/PM | LPL1-1/LA | PGCB/BC  | LPL1-1/BC | DORL/D   |
| NAME   | BSingal   | SLittle   | CJackson | RLaufer   | CHaney   |
| DATE   | 12/13/06  | 01/04/07  | 12/13/06 | 01/04/07  | 01/04/07 |

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| Facilities  | Addressees  |
|---|---|
| <p>Salem Nuclear Generating Station, Units 1 and 2<br/> Docket Nos. 50-272, 50-311<br/> License Nos. DPR-70, DPR-75</p>             | <p>Mr. William Levis<br/> Senior Vice President and Chief Nuclear Officer<br/> PSEG Nuclear LLC - N09<br/> P. O. Box 236<br/> Hancocks Bridge, NJ 08038</p>   |
| <p>Indian Point Nuclear Generating, Units 2 and 3<br/> Docket Nos. 50-247, 50-286<br/> License Nos. DPR-26, DPR-64</p>              | <p>Mr. Michael Kansler<br/> President<br/> Entergy Nuclear Operations, Inc.<br/> 440 Hamilton Avenue<br/> White Plains, NY 10601-1839</p>   |
| <p>Seabrook Station, Unit 1<br/> Docket No. 50-443<br/> License No. NPF-86</p>  | <p>Mr. Gene St. Pierre<br/> Site Vice President, c/o James M. Peschel<br/> Seabrook Station<br/> FPL Energy Seabrook, LLC<br/> P. O. Box 300<br/> Seabrook, NH 03874</p>                                  |
| <p>Beaver Valley Power Station, Units 1 and 2<br/> Docket Nos. 50-334 &amp; 50-412<br/> License Nos. DPR-66 &amp; NPF-73</p>        | <p>Mr. James H. Lash<br/> Vice President<br/> FirstEnergy Nuclear Operating Company<br/> Beaver Valley Power Station<br/> Mail Stop A-BV-SEB1<br/> P. O. Box 4, Route 168<br/> Shippingport, PA 15077</p> |
| <p>Calvert Cliffs Nuclear Power Plant, Units 1 and 2<br/> Docket Nos. 50-317 &amp; 50-318<br/> License Nos. DPR-53 &amp; DPR-69</p> | <p>Mr. James A. Spina<br/> Vice President<br/> Calvert Cliffs Nuclear Power Plant, Inc.<br/> Calvert Cliffs Nuclear Power Plant<br/> 1650 Calvert Cliffs Parkway<br/> Lusby, MD 20657-4702</p>            |
| <p>R. E. Ginna Nuclear Power Plant<br/> Docket No. 50-244<br/> License No. DPR-18</p>   | <p>Mrs. Mary G. Korsnick<br/> Vice President<br/> R. E. Ginna Nuclear Power Plant<br/> R. E. Ginna Nuclear Power Plant, LLC<br/> 1503 Lake Road<br/> Ontario, NY 14519-9364</p>                           |

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| <p>Millstone Power Station, Units 2 and 3<br/> Docket Nos. 50-336, 50-423<br/> License Nos. DPR-65, NPF-49</p>                                | <p>Mr. David A. Christian<br/> Sr. Vice President and Chief Nuclear Officer<br/> Innsbrook Technical Center<br/> 5000 Dominion Boulevard<br/> Glen Allen, VA 23060-6711</p> |
| <p>North Anna Power Station, Units 1 and 2<br/> Docket Nos. 50-338, 50-339<br/> License Nos. NPF-4, NPF-7</p>                                 |   |
| <p>Surry Power Station, Units 1 and 2<br/> Docket Nos. 50-280, 50-281<br/> License Nos. DPR-32, DPR-37</p>                                    |   |
| <p>Kewaunee Power Station<br/> Docket Nos. 50-305<br/> License Nos. DPR-43</p>  |   |
| <p>Catawba Nuclear Station, Units 1 and 2<br/> Docket Nos. 50-413 &amp; 50-414<br/> License Nos. NPF-35 &amp; NPF-52</p>                      | <p>Mr. J. R. Morris<br/> Vice President<br/> Catawba Nuclear Station<br/> Duke Power Company LLC<br/> 4800 Concord Road<br/> York, SC 29745</p>                             |
| <p>Joseph M. Farley Nuclear Plant,<br/> Units 1 and 2<br/> Docket Nos. 50-348 &amp; 50-364<br/> License Nos. NPF-2 &amp; NPF-8</p>            | <p>Mr. H. L. Sumner, Jr.<br/> Vice President - Farley Plant<br/> Southern Nuclear Operating Company, Inc.<br/> P. O. Box 1295<br/> Birmingham, AL 35201-1295</p>            |
| <p>McGuire Nuclear Station, Units 1 and 2<br/> Docket Nos. 50-369 &amp; 50-370<br/> License Nos. NPF-9 &amp; NPF-17</p>                       | <p>Mr. G. R. Peterson<br/> Vice President<br/> McGuire Nuclear Station<br/> Duke Power Company LLC<br/> 12700 Hagers Ferry Road<br/> Huntersville, NC 28078</p>             |
| <p>Oconee Nuclear Station, Units 1, 2, and 3<br/> Docket Nos. 50-269, 50-270, &amp; 50-287<br/> License Nos. DPR-38, DPR-47, &amp; DPR-55</p> | <p>Mr. Bruce H. Hamilton<br/> Vice President, Oconee Site<br/> Duke Power Company LLC<br/> 7800 Rochester Highway<br/> Seneca, SC 29672</p>                                 |

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| Vogtle Electric Generating Plant,<br>Units 1 and 2<br>Docket Nos. 50-424 & 50-425<br>License Nos. NPF-68 & NPF-81 | Mr. D. E. Grissette<br>Vice President<br>Southern Nuclear Operating Company, Inc.<br>P. O. Box 1295<br>Birmingham, AL 35201-1295  |
| Shearon Harris Nuclear Power Plant, Unit 1<br>Docket No. 50-400<br>License No. NPF-63                             | Mr. Cornelius J. Gannon<br>Vice President<br>Shearon Harris Nuclear Power Plant<br>Carolina Power & Light Company<br>P. O. Box 165, Mail Code: Zone 1<br>New Hill, NC 27562-0165                  |
| Crystal River Unit 3 Nuclear Generating<br>Plant<br>Docket No. 50-302<br>License No. DPR-72                       | Mr. Dale E. Young<br>Vice President<br>Crystal River Nuclear Plant (NA1B)<br>ATTN: Supervisor, Licensing and Regulatory<br>Programs<br>15760 W. Power Line Street<br>Crystal River, FL 34428-6708 |
| H. B. Robinson Steam Electric Plant, Unit 2<br>Docket No. 50-261<br>License No. DPR-23                            | Mr. Thomas D. Walt<br>Vice President<br>H. B. Robinson Steam Electric Plant, Unit 2<br>3581 West Entrance Road<br>Hartsville, SC 29550  |
| Watts Bar Nuclear Plant, Unit 1<br>Docket No. 50-390<br>License No. NPF-90  | Mr. Karl W. Singer<br>Chief Nuclear Officer and<br>Executive Vice President<br>Tennessee Valley Authority<br>6A Lookout Place<br>1101 Market Street<br>Chattanooga, TN 37402-2801                 |
| Sequoyah Nuclear Plant, Units 1 and 2<br>Docket Nos. 50-327 and 50-328<br>License Nos. DPR-77 and DPR-79          |   |
| St. Lucie Nuclear Plant, Units 1 and 2<br>Docket Nos. 50-335, 50-389<br>License Nos. DPR-67, NPF-16               | Mr. J. A. Stall<br>Senior Vice President, Nuclear<br>and Chief Nuclear Officer<br>Florida Power and Light Company<br>P. O. Box 14000<br>Juno Beach, FL 33408-0420                                 |
| Turkey Point Nuclear Plant, Units 3 and 4<br>Docket Nos. 50-250, 50-251<br>License Nos., DPR-31, DPR-41           |   |

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| <p>Donald C. Cook Nuclear Plant,<br/>Units 1 and 2<br/>Docket Nos. 50-315 &amp; 50-316<br/>License Nos. DPR-58 &amp; DPR-74</p>            | <p>Mr. Mano K. Nazar<br/>Senior Vice President<br/>and Chief Nuclear Officer<br/>Indiana Michigan Power Company<br/>Nuclear Generation Group<br/>One Cook Place<br/>Bridgman, MI 49106</p>  |
| <p>Point Beach Nuclear Plant, Units 1 and 2<br/>Docket Nos. 50-266 &amp; 50-301<br/>License Nos. DPR-24 &amp; DPR-27</p>                   | <p>Mr. Dennis L. Koehl<br/>Site Vice President<br/>Point Beach Nuclear Plant<br/>Nuclear Management Company, LLC<br/>6610 Nuclear Road<br/>Two Rivers, WI 54241-9516</p>                    |
| <p>Prairie Island Nuclear Generating Plant,<br/>Units 1 and 2<br/>Docket Nos. 50-282 &amp; 50-306<br/>License Nos. DPR-42 &amp; DPR-60</p> | <p>Mr. Thomas J. Palmisano<br/>Site Vice President<br/>Prairie Island Nuclear Generating Plant<br/>Nuclear Management Company, LLC<br/>1717 Wakonade Drive East<br/>Welch, MN 55089</p>     |
| <p>Palisades Nuclear Plant<br/>Docket No. 50-255<br/>License No. DPR-20</p>  | <p>Mr. Paul A. Harden<br/>Site Vice President<br/>Palisades Nuclear Plant<br/>Nuclear Management Company, LLC<br/>27780 Blue Star Memorial Highway<br/>Covert, MI 49043-9530</p>            |
| <p>Braidwood Station, Units 1 and 2<br/>Docket Nos. 50-456, 50-457<br/>License Nos. NPF-72, NPF-77,</p>                                    | <p>Mr. Christopher M. Crane<br/>President and Chief Nuclear Officer<br/>Exelon Generation Company, LLC<br/>AmerGen Energy Company, LLC<br/>4300 Winfield Road<br/>Warrenville, IL 60555</p> |
| <p>Byron Station, Units 1 and 2<br/>Docket Nos. 50-454, 50-455<br/>License Nos. NPF-37, NPF-66</p>   |   |
| <p>Three Mile Island Nuclear Station, Unit 1<br/>Docket Nos. 50-289<br/>License Nos. DPR-50</p>  |   |

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| <p>Davis-Besse Nuclear Power Station, Unit 1<br/> Docket No. 50-346<br/> License No. NPF-3</p>   | <p>Mr. Mark B. Bezilla<br/> Site Vice President<br/> FirstEnergy Nuclear Operating Company<br/> Davis-Besse Nuclear Power Station<br/> Mail Stop A-DB-3080<br/> 5501 North State Route 2<br/> Oak Harbor, OH 43449-9760</p> |
| <p>Arkansas Nuclear One, Units 1 and 2<br/> Docket Nos. 50-313 &amp; 50-368<br/> License Nos. DPR-51 &amp; NPF-6</p>                       | <p>Mr. Jeffrey S. Forbes<br/> Site Vice President<br/> Arkansas Nuclear One<br/> Entergy Operations, Inc.<br/> 1448 S. R. 333<br/> Russellville, AR 72802</p>   |
| <p>Comanche Peak Steam Electric Station,<br/> Units 1 and 2<br/> Docket Nos. 50-445 &amp; 50-446<br/> License Nos. NPF-87 &amp; NPF-89</p> | <p>Mr. M. R. Blevins<br/> Senior Vice President<br/> and Chief Nuclear Officer<br/> TXU Power<br/> ATTN: Regulatory Affairs Department<br/> P. O. Box 1002<br/> Glen Rose, TX 76043</p>                                     |
| <p>South Texas Project, Units 1 and 2<br/> Docket Nos. 50-498 &amp; 50-499<br/> License Nos. NPF-76 &amp; NPF-80</p>                       | <p>Mr. James J. Sheppard<br/> President and Chief Executive Officer<br/> STP Nuclear Operating Company<br/> South Texas Project Electric<br/> Generating Station<br/> P. O. Box 289<br/> Wadsworth, TX 77483</p>            |
| <p>Waterford Steam Electric Station, Unit 3<br/> Docket No. 50-382<br/> License No. NPF-38</p>   | <p>Mr. Kevin T. Walsh<br/> Vice President of Operations<br/> Entergy Operations, Inc.<br/> 17265 River Road<br/> Killona, LA 70057-3093</p>   |
| <p>Callaway Plant, Unit 1<br/> Docket No. 50-483<br/> License No. NPF-30</p>   | <p>Mr. Charles D. Naslund<br/> Senior Vice President<br/> and Chief Nuclear Officer<br/> Union Electric Company<br/> P. O. Box 620<br/> Fulton, MO 65251</p>  |



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| Diablo Canyon Power Plant,<br>Units 1 and 2<br>Docket Nos. 50-275 & 50-323<br>License Nos. DPR-80 & DPR-82                                  | Mr. John S. Keenan<br>Senior Vice President and<br>Chief Nuclear Officer<br>Pacific Gas and Electric Company<br>Diablo Canyon Power Plant<br>P. O. Box 770000<br>San Francisco, CA 94177-0001                 |
| Fort Calhoun Station, Unit 1<br>Docket No. 50-285<br>License No. DPR-40   | Mr. R. T. Ridenoure<br>Vice President - Chief Nuclear Officer<br>Omaha Public Power District<br>Fort Calhoun Station FC-2-4 Adm.<br>P. O. Box 550<br>Fort Calhoun, NE 68023-0550                              |
| Palo Verde Nuclear Generating Station,<br>Units 1, 2 and 3<br>Docket Nos. 50-528, 50-529, & 50-530<br>License Nos. NPF-41, NPF-51, & NPF-74 | Mr. James M. Levine<br>Executive Vice President, Generation<br>Arizona Public Service Company<br>P. O. Box 52034<br>Pheonix, AZ 85072-2034  |
| San Onofre Nuclear Generating Station,<br>Units 2 and 3<br>Docket Nos. 50-361 & 50-362<br>License Nos. NPF-10 & NPF-15                      | Mr. Richard M. Rosenblum<br>Senior Vice President and<br>Chief Nuclear Officer<br>Southern California Edison Company<br>San Onofre Nuclear Generating Station<br>P. O. Box 128<br>San Clemente, CA 92674-0128 |
| Wolf Creek Generating Station<br>Docket No. 50-482<br>License No. NPF-42  | Mr. Rick A. Muench<br>President and Chief Executive Officer<br>Wolf Creek Nuclear Operating Corporation<br>P. O. Box 411<br>Burlington, KS 66839  |
| Virgil C. Summer Nuclear Station<br>Docket No. 50-395<br>License No. NPF-12   | Mr. Jeffrey B. Archie<br>Vice President, Nuclear Operations<br>South Carolina Electric and Gas Company<br>P. O. Box 88<br>Jenkinsville, SC 29065  |