



INTERNATIONAL  
8920 CORPORATE CAMPUS DRIVE  
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March 18, 2013

**VIA OVERNIGHT MAIL**

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D.C. 20555-0001

**Re: Part 21 Interim Report Notification**

Dear Sirs:

By this letter, AAF International ("AAF") provides notice to the U.S. Nuclear Regulatory Commission ("NRC") of a possible deviation or defect in nuclear qualified High Efficiency Particulate Air ("HEPA") filters manufactured by AAF. Although late, this interim notification is submitted pursuant to the requirements of 10 CFR Part 21.

On December 5, 2012, AAF received a report from an end user of its HEPA filters, which indicated that two (2) nuclear qualified HEPA filters failed a Resistance to Pressure test conducted by or on behalf of the end user. The cause of the test failure is not known as of the date of this interim report, but AAF is in the process of investigating the matter and performing a root cause analysis. In order to complete the root cause analysis, it is necessary for AAF to build several filters for testing. The process of building new filters and testing will likely require approximately thirty (30) days due to the time necessary to procure raw materials from AAF's suppliers. However, AAF anticipates that its investigation will be completed no later than April 15, 2013.

Attached hereto, AAF provides a list of customers who may be impacted by the potential defect in these nuclear qualified HEPA filters. AAF will update this list upon completion of its investigation into this matter. AAF will also follow up with a full report to the NRC upon the completion of its investigation. In the meantime, if you have any questions or require any additional information, you may contact the undersigned at (502) 637-0275, or via email at [mwatkins@aafintl.com](mailto:mwatkins@aafintl.com).

Sincerely,

Marilyn J. Watkins  
Director, Quality Assurance

Enclosure

JE19  
URR

**AAF International**  
**Attachment to Interim Report**  
**18 March 2013**

| No | Sold To Customer Name & Address  | Ship to Customer Name & Address   |
|----|--|---|
| 1  | ARIZONA PUBLIC SERVICE CO / PO Box 53999 / PHOENIX AZ 85072-3950                 | APS PALO VERDE / 5801 SOUTH WINTERSBURG ROAD / TONOPAH AZ 85354                   |
| 2  | PROGRESS ENERGY CAROLINA INC / PO Box 870 / RALEIGH NC 27602                     | PGN H. B. ROBINSON PLANT / 3581 WEST ENTRANCE ROAD / HARTSVILLE SC 29550          |
| 3  | STP NUCLEAR OPERATING COMPANY / PO Box 270 / WADSWORTH TX 77483                  | STP NUCLEAR OPERATING COMPANY / 12090 FM 521 (8 MI WEST OF WADSWORTH) / WADSWORTH |
| 4  | LOS ALAMOS NATIONAL LABORATORY / PO Box 1663 / LOS ALAMOS NM 87545               | AIR TECHNIQUES INTERNATIONAL / 1708 WHITEHEAD ROAD / BALTIMORE MD 21207           |
| 5  | NEBRASKA PUBLIC POWER DIST / BOX 1740 / COLUMBUS NE 68602                        | NEBRASKA PUBLIC POWER DISTRICT / 72676 648A AVENUE / BROWNVILLE NE 68321          |
| 6  | PSEG NUCLEAR LLC / PO Box 1868 / NEWARK NJ 07101                                 | NUCLEAR BUSINESS UNIT / ALLOWAY CREEK NECK ROAD / HANCOCKS BRIDGE NJ 08038        |
| 7  | SEXTON & PEAKE INC / 9687 GERWIG LANE / COLUMBIA MD 21046                        | DOMINION VIRGINIA POWER / 5570 HOG ISLAND ROAD / SURRY VA 23883                   |
| 8  | TATE ENGINEERING SYSTEMS INC / 1560 CATON CENTER DRIVE / BALTIMORE MD 21227      | EXELON NUCLEAR / 3146 SANATOGA ROAD / POTTSTOWN PA 19464                          |
| 9  | TATE ENGINEERING SYSTEMS INC / 1560 CATON CENTER DRIVE / BALTIMORE MD 21227      | EXELON NUCLEAR - LASALLE STATION / 2601 NORTH 21ST ROAD / MARSEILLES IL 61341     |
| 10 | TENNESSEE VALLEY AUTHORITY / PO Box 15500 / KNOXVILLE TN 37901-5500              | WATTS BAR NUCLEAR PLANT / 1270 HIGHWAY 68 - UNIT 1 / SPRING CITY TN 37381         |
| 11 | TENNESSEE VALLEY AUTHORITY / PO Box 15500 / KNOXVILLE TN 37901-5500              | TVA/BROWNS FERRY NUCLR PLANT / 10833 SHAW ROAD / ATHENS AL 35611                  |
| 12 | LAWRENCE LIVERMORE NATL LABS / PO Box 5001 / LIVERMORE CA 94551                  | AIR TECHNIQUES INTERNATIONAL / 1708 WHITEHEAD ROAD / BALTIMORE MD 21207           |
| 13 | ENERGY NORTHWEST / PO Box 968 / RICHLAND WA 99352                                | ENERGY NORTHWEST / 76 NORTH POWER PLANT LOOP / RICHLAND WA 99354                  |
| 14 | US ARMY ABERDEEN ACQUISITION C / BUILDING 4118 SUSQUEHANNA BLVD / APG MD 21005-5 | EDGEWOOD CHEMICAL BIOLOGICAL CTR / 5165 WEBSTER ROAD - BLDG E / ABERDEEN PROVING  |
| 15 | UT BATTELLE LLC / PO Box 2308 / OAK RIDGE TN 37831-6436                          | AIR TECHNIQUES INTERNATIONAL / 1708 WHITEHEAD ROAD / BALTIMORE MD 21207           |
| 16 | SCIENTIFIC SALES INC / PO Box 4069 / OAK RIDGE TN 37831                          | DUANE ARNOLD NUCLEAR PLANT WHS / 3277 DAEC ROAD / PALO IA 52324                   |

1. List shows Sold To and Ship To customers for individual orders.
2. Non-nuclear agencies are shaded.

**AAF International**  
**Attachment to Interim Report**  
**18 March 2013**

| No | Sold To Customer Name &<br>Address   | Ship to Customer Name &<br>Address  |
|----|--|---|
| 17 | COMMERCIAL FILTER SALES / 2715<br>SIXTH AVENUE SOUTH / SEATTLE<br>WA 98134     | PUGET SOUND NAVAL SHIPYARD /<br>1400 FARRAGUT AVENUE /<br>BREMERTON WA 98314        |
| 18 | DOMINION VIRGINIA POWER /<br>500 COXENDALE ROAD / CHESTER<br>VA 23836          | SURRY POWER STATION / 5570<br>HOG ISLAND ROAD / SURRY VA<br>23883                   |
| 19 | EXELON BUSINESS SERVICES CO /<br>PO Box 805388 / CHICAGO IL<br>60680-5388      | EXELON NUCLEAR GENERATION<br>CO LLC / 2601 NORTH 21ST ROAD /<br>MARSEILLES IL 61341 |
| 20 | EXELON BUSINESS SERVICES CO /<br>PO Box 805388 / CHICAGO IL<br>60680-5388      | PEACH BOTTOM ATOMIC POWER<br>STATION / 1848 LAY ROAD / DELTA<br>PA 17314            |
| 21 | EXELON BUSINESS SERVICES CO /<br>PO Box 805388 / CHICAGO IL<br>60680-5388      | EXELON GENERATION COMPANY /<br>22710 206TH AVENUE NORTH /<br>CORDOVA IL 61242       |
| 22 | EXELON BUSINESS SERVICES CO /<br>PO Box 805388 / CHICAGO IL<br>60680-5388      | EXELON NUCLEAR / 3146<br>SANATOGA ROAD / POTTSTOWN<br>PA 19464                      |
| 23 | FILTMORE TECHNOLOGIES / 7618<br>LAKE POINTE DRIVE / CRESTWOOD<br>KY 40014      | RECEIVING OFFICER / 1968<br>GILBERT STREET / NORFOLK VA<br>23511                    |
| 24 | DUKE ENERGY CAROLINAS, LLC /<br>PO Box 37925 / CHARLOTTE NC<br>28237           | OCONEE NUCLEAR STATION / 155<br>EAST PICKENS HWY, HWY 183 /<br>SENECA SC 29672      |
| 25 | DUKE ENERGY CAROLINAS, LLC /<br>PO Box 37925 / CHARLOTTE NC<br>28237           | CATAWBA NUCLEAR STATION /<br>4800 CONCORD ROAD / YORK SC<br>29745                   |
| 26 | DUKE ENERGY CAROLINAS, LLC /<br>PO Box 37925 / CHARLOTTE NC<br>28237           | MCGUIRE NUCLEAR STATION /<br>13225 HAGERS FERRY RD HWY 73 /<br>HUNTERVILLE NC 28078 |
| 27 | NORTHERN STATES POWER MN /<br>PO Box 46504 / DENVER CO 80202                   | PRAIRIE ISLAND NUCLEAR PLANT /<br>1717 WAKONADE DRIVE EAST /<br>WELCH MN 55089      |
| 28 | INDIANA MICHIGAN POWER<br>COMPANY / PO Box 24400 /<br>CANTON OH 44702-4410     | AMERICAN ELECTRIC POWER /<br>9970 RED ARROW HIGHWAY /<br>BRIDGMAN MI 49106          |
| 29 | NINE MILE POINT NUCLEAR<br>STATION LLC / PO Box 63 /<br>LYCOMING NY 13093      | NINE MILE POINT NUCLEAR<br>STATION LLC / 348 LAKE ROAD /<br>OSWEGO NY 13126         |
| 30 | FIRSTENERGY NUCLEAR<br>OPERATING CO / 76 SOUTH MAIN<br>STREET / AKRON OH 44308 | BEAVER VALLEY MAIN<br>WAREHOUSE / ROUTE 168 /<br>SHIPPINGPORT PA 15077              |
| 31 | US DEPARTMENT OF ENERGY /<br>9800 SOUTH CASS AVENUE /<br>ARGONNE IL 60439      | AIR TECHNIQUES INTERNATIONAL /<br>1708 WHITEHEAD ROAD /<br>BALTIMORE MD 21207       |

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