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REPLY TO A NOTICE OF VIOLATION

April 29, 2014

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Subject: Reply to Notice of Violation
NRC Inspection Report No. 99901431/2014-201
Violation 99901431/2014-201-01

Dear Sir:

Pursuant to the instructions in the Notice of Violation, our response is herein provided.

Violation 99901431/2014-201-01

Pentair failed to evaluate deviations documented in corrective action reports 673, 674 and 675 to identify defects that could be associated with substantial safety hazards within 60 days of discovery or file an interim report to inform the NRC that the evaluation would not be completed within 60 days of discovery. Specifically, Pentair failed to evaluate the deviations identified during the NRC June 2013 inspection associated with the qualification testing of the AP1000 pressurizer safety valve (PV-62). Also, Pentair failed to submit an interim report to inform the NRC that the pressurizer safety valves (PV-62) shipped to Vogtle Units 3 and 4 and V.C. Summer Units 2 and 3 had deviations that required evaluation and when such evaluations would be completed. The affected pressurizer safety valves (PV-62) are N90028-00-0009, N900028-22-0010, N900028-00-0013, and N900028-00-0014 for Vogtle Units 3 and 4; and N900028-00-0011, N90028-00-0012, N90028-00-0015, and N90028-00-0016 for V.C. Summer Units 2 and 3.

Reason for the violation

Pentair incorrectly presumed that there was not the potential for a substantial safety hazard due to the fact that the potentially affected plants are inactive, under construction, have no nuclear fuel, and are not anticipated to be completed until 2017. Pentair failed to recognize that deviations existed due to the fact that there were departures from the technical requirements included in the customer's

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procurement documents and that the components had been delivered to the customer, thus requiring that evaluations be performed.

Corrective steps that have been taken and the results achieved

1. Evaluations of the deviations identified in CARs 673 (NRC Nonconformance 99901431/2013-201-01 first bullet), 674 (NRC Nonconformance 99901431/2013-201-01 second bullet) and 675 (NRC Nonconformance 99901431/2013-201-02) were initiated, and reports have been submitted to the NRC. The evaluations performed for CARs 674 and 675 have been completed, and no potential defect exists for the conditions identified in the CARs for the specific valves (PV-62). The evaluation for CAR 673 is in process. An interim report was submitted to the NRC indicating that there is no potential defect for the condition cited in the CAR for the specific valves (PV-62); however, the investigation is still in process for other components which may also have been incorrectly tested in a similar manner to the PV-62 valves and that were delivered in the past to other nuclear power plants. As indicated in the previously submitted interim report, the evaluation is due to be completed by June 15, 2014, and a follow-on report will be submitted to the NRC.
2. Establishment of the Compliance Officer position reporting directly to the General Manager. This position drives the nuclear safety culture, mentors company nuclear personnel at the Mansfield, MA, facility, and assures compliance to applicable regulations. This action was accomplished on January 28, 2014. In addition, a new Quality Assurance Manager has been appointed.

Corrective steps that will be taken

1. The 10 CFR Part 21 evaluation pertaining to CAR 673 will be completed by June 15, 2014, and a follow-on report will be submitted to the NRC. The report will identify any further corrective action needed and the target date for its completion.
2. The QA Manager has issued an internal preventive action request (PAR 100) to the General Manager to take appropriate actions to refresh and re-emphasize the company's commitment to a nuclear safety culture consistent with the NRC's requirements.

Date when full compliance will be achieved

This will be dependent on the results of the ongoing evaluation of CAR 673 as outlined above.

Sincerely,



Brian L. Martin

Quality Assurance Manager

cc: Edwin H. Roach, Chief
Mechanical Vendor Inspection Branch
Division of Construction Inspection
and Operational Programs
Office of New Reactors