

February 6, 2017

EA-17-024

Mr. Tracy Bolt, Director of Quality  
AZZ Nuclear | NLI  
7410 Pebble Drive  
Fort Worth, TX 76118

SUBJECT: AZZ NUCLEAR | NLI – ACKNOWLEDGEMENT OF DISPUTED NOTICE OF  
NONCONFORMANCE – NUCLEAR REGULATORY COMMISSION  
INSPECTION REPORT 99901471/2016-201

Dear Mr. Bolt:

This letter acknowledges your January 13, 2017 (ML17018A117) letter sent to the U.S. Nuclear Regulatory Commission (NRC) that provided a response to NRC inspection report (IR) 99901471/2016-201, issued on December 14, 2016 (ML16305A097), concerning activities conducted at your facility in Fort Worth, TX. Your letter contested Notice of Nonconformance (NON) 99901471/2016-201-03 and the second instance identified in NON 99901471/2016-201-04 issued in the subject inspection report.

The NRC is aware AZZ | NLI is contesting NON 99901471/2016-201-03 for the failure to take adequate actions to verify the adequacy of the design for Masterpact breakers supplied to Public Service Enterprise Group (PSEG), for use at the Hope Creek Nuclear Station. This particular NON discussed the use of Masterpact circuit breakers as motor starters with overcurrent trip devices that are powered from the load side of the breakers. Since the overcurrent trip devices for these breakers only receive power once the breakers are shut (upon starting of a motor), there is an undefined startup time before the breaker can accurately process load current data. When used as a motor starter, this startup time could potentially cause erroneous data to be acquired or make them more susceptible to noise interference. AZZ | NLI had not verified the adequacy of this aspect of the design as part of their design verification or commercial grade dedication processes.

The NRC is also aware that you are contesting the second instance identified in NON 99901471/2016-201-04 for AZZ | NLI's failure to identify and verify the critical characteristic of current interrupting rating for Masterpact circuit breakers supplied to Tennessee Valley Authority under PO 758798.

The NRC will carefully review the basis for our initial conclusions along with any new information provided in your letter to confirm the validity of the NONs. Accordingly, we will inform you as soon as we complete our evaluation.

In accordance with Title 10 of the *Code of Federal Regulations* 2.390, "Public inspections, exemptions, requests for withholding," of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System component of the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

**/RA/**

Terry W. Jackson, Chief  
Quality Assurance Vendor Inspection Branch-1  
Division of Construction Inspection  
and Operational Programs  
Office of New Reactors

Docket No.: 99901471

Letter to Tracy Bolt from Terry W. Jackson dated February 6, 2017.

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