

September 3, 2015

Mr. William Flick, Quality Assurance Manager
Thermo Fisher Scientific
10010 Mesa Rim Rd.
San Diego, CA 92121

SUBJECT: THERMO FISHER SCIENTIFIC RESPONSE TO THE U.S. NUCLEAR
REGULATORY COMMISSION INSPECTION REPORT NO. 99901460/2015-
201, NOTICE OF VIOLATION AND NOTICE OF NONCONFORMANCE

Dear Mr. Flick:

Thank you for your August 7, 2015, letters in response to the Notice of Violation (NOV) and Notice of Nonconformance (NON) that were discussed in the subject U.S. Nuclear Regulatory Commission (NRC) inspection report (IR).

We reviewed your letters and found that they are responsive to the NOV and NON documented in IR 99901460/2015-201. We have no further questions at this time. However, we disagree with your position that K-type thermocouples do not require calibration. As cited in the NON, Criterion XII of Appendix B to 10 CFR Part 50 requires measuring and test equipment to be properly controlled, calibrated, and adjusted at specified periods to maintain accuracy. References to calibration of thermocouples and suggested calibration frequencies are widely available. Two national accreditation service references that are not a requirement, but may be of interest, are National Institute of Standards and Technology (NIST) Special Publication 250-35, "The Calibration of Thermocouples and Thermocouple Material," and United Kingdom Accreditation Service, Lab 11, "Traceability of Temperature Measurement."

The NRC staff may review the implementation of your corrective actions during a future NRC staff inspection to determine whether full compliance has been achieved and maintained. Please contact George Lipscomb via electronic mail at George.Lipscomb@nrc.gov, if you have any questions or need assistance regarding this matter.

Sincerely,

/RA/

Richard A. Rasmussen, Chief
Electrical Vendor Inspection Branch
Division of Construction Inspection
and Operational Programs
Office of New Reactors

Docket No.: 99901460

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