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U.S. Nuclear Regulatory Commission
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Subject: Addendum to event report

Ref: NRC Event Report 55094, Docket 50-184, Facility License TR-5

Sirs and Madams:

On February 16, 2021, the NCNR (NIST Center for Neutron Research) submitted a 14-day report on the above event. We have continued to conduct detailed analysis of our sampling results from the event. As part of our due diligence in review of those results, we have discovered two items that we believe should be updated from the original 14-day report submission. The report stated that the initial sample collected at the boundary on Feb 3, 2021 at 1030 showed a small concentration of Cs-138 at 0.5% of 10 CFR Appendix B Table Values. Further analysis of the sample indicated a needed correction to the analysis resulting in a concentration that is 1.4% of the Appendix B values. In addition, the report states there was a sample on Feb 4 that showed very minute concentrations of Xe-133 and Xe-135 that was less than 0.1% of the Appendix B limits. Upon further review, it was determined that the sample result was not fully quantifiable and thus should not be used. However, a sample was taken at the reactor stack in the same time frame and using conservative assumptions demonstrates that at the 400 meter boundary location the concentration was less than 10% of the Appendix B effluent concentration limits.

Please feel free to contact me if you have any questions.

Respectfully submitted,

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