



LAKE ENGINEERING CO.

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January 3, 2020

U S NUCLEAR REGULATORY COMMISSION
ATTN: DOCUMENT CONTROL ROOM
WASHINGTON, DC 20555-0001

Subject: Interim Notification per 10 CFR Part 21
Degraded Snubber SF1154 Hydraulic Fluid Batch No. 16DLVS852

On July 29, 2016 Lake Engineering Company (LEC) received 55 gallons of SF1154 snubber fluid from Batch No. 16DLVS852. On January 17, 2017 Lake Engineering Company received an additional 200 gallons of fluid from the same batch. This batch was manufactured on April 17, 2016. Fluid from this drum was subsequently shipped to various customers in five gallon containers.

On November 1, 2019 Lake Engineering Company was advised that opaque semi-solid material was observed in fluid from the subject batch that had been shipped from Sequoyah Station to NTS's facility in Huntsville, AL for testing purposes. The material was subsequently determined by Lake Engineering Company to be similar in appearance to a cyclic siloxane byproduct that had been previously identified by Lake Engineering Company in other batches of SF1154 on May 1, 2017, July 25, 2018, and May 6, 2019. It was subsequently determined that fluid from the above three previously identified batches did not represent a substantial safety hazard at any of the US nuclear plants to which it was provided by Lake Engineering Company.

Within 60 days following the date of this notification, Lake Engineering Company shall submit a final report or a second interim report documenting the results to date of our evaluation to determine whether the anomaly associated with Batch 16DLVS852 represents a defect which could create a substantial safety hazard at any of the US nuclear plants to which it was provided by Lake Engineering Company.

If there are any questions or if additional information is required, please contact the writer by mail or by phone using the contact information provided above or by email at dbrown@lakeengineeringri.com.

Very truly yours,

LAKE ENGINEERING COMPANY

D. P. Brown, P.E.
President

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cc: P. Guay - QA Mgr.

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NRR