



MISTRAS

One Source for  
Asset Protection  
Solutions

1480 James Parkway – Heath, OH 43056  
P: (740) 788-9188 – F: (740) 788-9189  
www.mistrasgroup.com

FACSIMILE TRANSMITTAL SHEET

TO: NRC Operation Center FROM: Donald Smith  
COMPANY: DATE:

FAX NUMBER: TOTAL # OF PAGES:

(301) 816-5151 2

TELEPHONE NUMBER: SENDER'S REFERENCE NUMBER:

RE: 10 CFR PART 21 INTERIM REPORT

URGENT  FOR REVIEW  PLEASE COMMENT  PLEASE REPLY  PLEASE RECYCLE

NOTES/COMMENTS:

Reference 99902109/2023-201-02

Refer questions to (630) 418-7301

October 20, 2023

To: U.S. Nuclear Regulatory Commission

ATTN: Document Control Desk, Washington, DC 20555-0001

Re: 10 CFR Part 21 Interim Report

This document is intended to fulfill the requirement of an interim report as specified in 10 CFR Part 21, the need for which is identified in Notification of Violation 99902109/2023-201-02 dated 10/02/2023.

On June 10, 2021, individuals at the MISTRAS Services location in Trainer, PA discovered a deviation in the calibration certificates for an acoustic emission instrument. This AE system was used for acoustic emission testing of lift rigs used for reactor head and internals. This deviation involved calibration certificates that were falsified by the individuals responsible for the acoustic emission tests being performed. The calibration certificates were intended to represent "calibration" performed by Physical Acoustics Corporation (AKA MISTRAS Products and Systems), but the "calibrations" were not performed as stated.

The 10 CFR Part 21 evaluation was initiated on June 15, 2021, and quickly indicated that the extent of condition extends to additional instruments and acoustic emission tests performed at the following nuclear plants:

AEP - DC Cook

Dominion - Kewaunee

Dominion - Surry

Dominion - Millstone

Dominion - North Anna

Duke Energy - Robinson

Duke Energy - Oconee

Entergy - ANO

First Energy - Beaver Valley

Florida Power & Light [NextEra] - Turkey Point

Florida Power & Light [NextEra] - St Lucie

NextEra - Seabrook

Progress Energy [Duke Energy] - Shearon Harris

Southern Company - Vogtle

Southern Company - Farley


Tennessee Valley Authority - Sequoyah

Tennessee Valley Authority - Watts Bar

Xcel Energy - Prairie Island

The initial evaluation of the deviation was expected to be completed within 60 days of the discovery; however additional information, that was not initially available, was uncovered causing the evaluation to extend beyond the 60-day period. The evaluation of this deviation is essentially complete, and the documentation is being finalized. The final report will be made available by November 1, 2023.

Sincerely,



10/20/2023

Donald D. Smith

Quality Assurance Director

MISTRAS Group, Inc.

(630) 418-7301

[donald.d.smith@mistrasgroup.com](mailto:donald.d.smith@mistrasgroup.com)