



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

February 5, 2019

MEMORANDUM TO: Joseph E. Donoghue, Acting Director
Division of Materials and License Renewal
Office of Nuclear Reactor Regulation

FROM: David L. Rudland /RA/
Senior Technical Advisor for Materials
Division of Materials and License Renewal
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY REPORT AND ANALYSIS OF DATA FROM
OPERATING EXPERIENCE SMART SAMPLE, OPESS 2018/01,
"EVALUATION OF LICENSEE ACTIONS TAKEN IN RESPONSE TO
10 CFR PART 21 NOTIFICATION OF THE POTENTIAL
EXISTENCE OF DEFECTS RELATED TO CONTROL ROD DRIVE
MECHANISM (CRDM) THERMAL SLEEVES

This memorandum transmits the U.S. Nuclear Regulatory Commission's (NRC's) final summary report, "Summary Report and Analysis of Data from Operating Experience Smart Sample, OpESS 2018/01, "Evaluation of Licensee Actions Taken in Response to 10 CFR Part 21 Notification of The Potential Existence Of Defects Related To Control Rod Drive Mechanism (CRDM) Thermal Sleeves" (Agencywide Documents Access and Management System (ADAMS) Accession No. ML19035A503).

Through a sampling of 10 of the 16 most susceptible plants to CRDM thermal sleeve wear, the staff verified that the domestic T-Cold plants are properly performing the Westinghouse Nuclear Safety Advisory Letter-recommended inspections. In addition, the data gathered through these inspections confirms the wear rate assumptions used in the staff safety analyses. Consequently, the NRC staff is satisfied that the affected plants are properly addressing the thermal sleeve flange wear issue. Therefore, the NRC requires no further action at this time. The NRC staff will continue to monitor industry operating experience.

Enclosure:
Summary report

CONTACTS: David L. Rudland, Ph.D.
Senior Technical Advisor
NRR/DMLR
(301) 415-1896

Roger Kalikian
Materials Engineer
NRR/DMLR
(301) 415-5590

SUBJECT: SUMMARY REPORT AND ANALYSIS OF DATA FROM OPERATING EXPERIENCE SMART SAMPLE, OPESS 2018/01, "EVALUATION OF LICENSEE ACTIONS TAKEN IN RESPONSE TO 10 CFR PART 21 NOTIFICATION OF THE POTENTIAL EXISTENCE OF DEFECTS RELATED TO CONTROL ROD DRIVE MECHANISM (CRDM) THERMAL SLEEVES DATED: FEBRUARY 5, 2019.

DISTRIBUTION:

RidsNrrMailCtr

RidsNrrDmlr Resource

RES/DE resource

BMcDermott

RMcKinley

DRudland

AHiser

DAiley

SCumblidge

CHovanec

RTregoning

CJFong

RAnzalone

MLeech

MHolmberg

SDowney

JThompson

DWoodyatt

RLukes

JKaizer

RTregoning

DMcCain

DHills

GGerond

CRapp

MGray

JKulp

PJoon

MMarshfield

ADAMS Accession Nos:**Summary Report: ML19035A503****Transmittal Memo: ML19035A502*****via email**

OFFICE	NRR/DMLR	NRR/DMLR/LA	NRR/DMLR/MPHB	NRR/DMLR/MPHB
NAME	DRudland	SLent	RKalikian	SCumblidge
DATE	02/5/19	02/5/19	02/5/19	02/5/19

OFFICIAL AGENCY COPY