

SHEARON HARRIS NUCLEAR POWER PLANT – NOTIFICATION OF INSPECTION AND
REQUEST FOR INFORMATION

Charles Yarley:

During the week of January 21 – January 25, 2019, the Nuclear Regulatory Commission (NRC) will perform an inspection of Shearon Harris Nuclear Power Plant, Unit 1, in accordance with Operating Experience Smart Sample 2018/01, “Evaluation of Licensee Actions Taken in Response to 10CFR Part 21 Notification of Potential Existence of Defects Related to Control Rod Drive Mechanism (CRDM) Thermal Sleeves”. The NRC requests that the information requested in Section A be provided to the lead inspector no later than January 14, 2018. If there are any questions about this inspection, or the material requested, please contact the lead inspector, Steven Downey, at (404) 997-4830 or Steven.Downey@nrc.gov or the Engineering Branch 3 Chief, Brian Bonser at (404) 997-4653.

In accordance with Title 10 of the Code of Federal Regulations 2.390, “Public Inspections, Exemptions, Requests for Withholding,” a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of NRC's Agencywide Document Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

PAPERWORK REDUCTION ACT STATEMENT

This letter does not contain new or amended information collection requirements subject to the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.). Existing information collection requirements were approved by the Office of Management and Budget, control number 3150-0011.

PUBLIC PROTECTION NOTIFICATION

The NRC may not conduct or sponsor, and a person is not required to respond to, a request for information or an information collection requirement unless the requesting document displays a currently valid Office of Management and Budget control number.

Inspection Procedure: 71152, "Problem Identification and Resolution"

Sample: 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

Inspection Dates: January 21-25, 2019

Inspector: Steven Downey, Sr. Reactor Inspector

The inspector will need the information requested (as indicated below) prior to the inspection. Please provide the requested information by January 14, 2019. If possible, provide the requested information electronically (i.e., Certrec, FTP, DVD/CD, web).

A. Unit(s) for which the recommended actions described in NSAL 18-1 have been completed

1. Provide the date or Refueling Outage during which the flange wear measurements were taken.
2. Briefly describe the method used to perform the thermal sleeve measurement.
3. Was as-built information used for the reference point in determining the thermal sleeve lowering values?
4. For each unit, provide the following information for each CRDM location*:
 - i. CRDM Location Identifier
 - ii. Acceptance criteria
 - iii. As built measurement (or as designed measurement) (if available)
 - iv. As-found wear
 - v. Wear rate
 - vi. Re-inspection frequency
 - vii. Acceptance criteria exceeded? (Yes/No)
 - viii. If acceptance criteria exceeded, has flange separation occurred? (Yes/No)
5. Provide a copy of the document used to determine the acceptance criteria.
6. For each location that wear measurements were above the acceptance criteria, but flange separation has not occurred, briefly describe what actions were taken.
7. For each location where flange separation has occurred, briefly describe what actions were taken to mitigate the issue and provide any associated documents and procedures.

*Note that, as stated in OPESS 2018/01, the inspector will provide this information to the program office. Please mark the submittal documents appropriately (proprietary vs non-proprietary).

From: [Downey, Steven](#)
To: [Yarley, Charles](#)
Subject: Request for Information for Operating Experience Smart Sample 2018/01 Inspection
Date: Thursday, November 29, 2018 8:30:18 AM
Attachments: [HARRIS U1 OpESS201801_RFI - SD.pdf](#)

Mr. Yarley,

Attached is the Information Request for the baseline PI&R sample (OpESS 2018/01) inspection for Harris scheduled for the week of January 21-25, 2019. Please let me know that you received this request. If there are any questions about this inspection or the material requested, please contact me via email, or at the phone number or address included below.

Regards,

Steve

Steven Downey II, Ph.D.

Sr. Reactor Inspector | Region II - Engineering Branch 3

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"Success is no accident. It is hard work, perseverance, learning, studying, sacrifice, and most of all, love of what you are doing or learning to do."