

From: [Lukes, Robert](#)
To: [Wrona, David](#)
Cc: [Wiebe, Joel](#); [Whitman, Josh](#); [Clifford, Paul](#); [Anzalone, Reed](#); [Suh, Kate](#); [Entz, Kathleen](#)
Subject: FW: Byron ATF LTA Audit Report
Date: Tuesday, January 15, 2019 1:25:59 PM
Attachments: [Audit Report.docx](#)

I concur.

From: Whitman, Josh
Sent: Friday, January 11, 2019 3:19 PM
To: Lukes, Robert <Robert.Lukes@nrc.gov>
Cc: Anzalone, Reed <Reed.Anzalone@nrc.gov>; Clifford, Paul <Paul.Clifford@nrc.gov>; Wiebe, Joel <Joel.Wiebe@nrc.gov>
Subject: Byron ATF LTA Audit Report

Bob,

Attached is my Audit Report and below is the e-mail template for sending to the DORL BC. Paul and Reed have reviewed it and found it acceptable. Please review and if you concur sent to those on the distribution list.

Thanks,
Josh

Distribute to: Dave Wrona
CC: Joel Wiebe, Josh Whitman, Paul Clifford, Reed Anzalone, Kathleen Entz, Kate Suh

Dave,

By letter dated March 8, 2018, as supplemented by letters dated July 2, 2018, and December 18, 2018, (Agencywide Documents Access and Management System (ADAMS) Accession Nos. ML18067A431, ML18184A270, and ML18352B117) Exelon Generation Company, LLC (Exelon), the licensee, requested an amendment to the Byron Station, Unit 2, operating license that would allow accident tolerant fuel (ATF) lead test assemblies (LTAs) to be utilized at the plant. The proposed amendment would insert a license condition permitting the use of two such LTAs in Byron Unit 2 during cycles 22, 23, and 24.

The December 18 supplement identifies a transient analyzed in the UFSAR during which the LTAs may be the limiting bundles in the core. The NRC performed a regulatory audit in accordance with the Nuclear Reactor Regulation (NRR) Office Instruction LIC-111, "Regulatory Audits," to better understand these calculations and in order to expedite the review of this supplement, given the short time available before the refueling outage. Attached is the report for this audit.

Docket Nos.: 50-455

CONTACT: Josh Whitman, NRR/DSS
301-415-6763

