

RS-15-128

April 29, 2015

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Clinton Power Station, Unit 1
Facility Operating License No. NPF-62
NRC Docket No. 50-461

Subject: Update to Notification of Intended Use of NSF Lead Use Channels

- References:
1. Letter from P. R. Simpson (Exelon Generation Company, LLC (EGC)) to U. S. NRC, "Notification of Intended Use of NSF Lead Use Channels," dated April 25, 2014
 2. Letter from A. A. Lingenfelter (Global Nuclear Fuel – Americas, LLC) to U. S. NRC, "Accepted Version of Enhanced Lead Use Channel (LUC) Program for NSF Fuel Bundle Channels," dated April 15, 2013

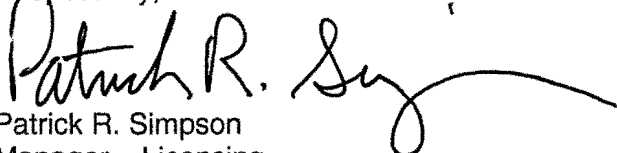
In Reference 1, EGC notified the NRC of the intended use of Global Nuclear Fuel NSF lead use channels (LUC) at Clinton Power Station, Unit 1 (CPS).

Enclosure 1 of Reference 2, MFN 12-074, "Enhanced Lead Use Channel (LUC) Program for NSF Fuel Bundle Channels," dated September 25, 2012, describes the NSF LUC Program, which includes post-irradiation visual evaluations of the channels for corrosion performance and changes in channel length indicative of channel bow. These evaluations were established for a 24-month refuel outage frequency and after discharge of the channel from the core.

EGC has transitioned to 12-month fuel cycles at CPS; therefore, the refuel outage evaluations of the NSF channels at CPS will be performed during every other refueling outage. The first inspections of the NSF channels are scheduled to occur at CPS in spring 2017.

There are no regulatory commitments contained in this letter. Should you have any questions concerning this letter, please contact Mr. Mitchel A. Mathews at (630) 657-2804.

Respectfully,



Patrick R. Simpson
Manager – Licensing