



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

July 16, 2015

Mr. Michael P. Gallagher
Vice President, License Renewal Projects
Exelon Generation Company, LLC
200 Exelon Way
P.O. Box 500
Kennett Square, PA 19348

**SUBJECT: NOTICE OF AVAILABILITY OF THE FINAL PLANT-SPECIFIC
SUPPLEMENT 54 TO THE GENERIC ENVIRONMENTAL IMPACT
STATEMENT FOR LICENSE RENEWAL OF NUCLEAR PLANTS REGARDING
BYRON STATION, UNITS 1 AND 2 (TAC NOS. MF1790 AND MF1791)**

Dear Mr. Gallagher:

The U.S. Nuclear Regulatory Commission (NRC) staff has completed final plant-specific Supplement 54 to NUREG-1437, "Generic Environmental Impact Statement for License Renewal of Nuclear Plants (GEIS)," regarding the renewal of operating licenses NPF-37 and NPF-66 for an additional 20 years of operation for Byron Station, Units 1 and 2 (Byron). Enclosed is a copy of the final supplement and the associated *Federal Register* Notice of Availability. This notice advises the public that the final supplement is publicly available at the NRC public document room (PDR) or from the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC website at <http://www.nrc.gov/reading-rm/adams.html>. The ADAMS Accession Number for final Supplement 54 is ML15196A263. In addition, the Byron Public Library District, 100 S. Washington St., Byron, IL 61010, has agreed to make the final supplement available.

As discussed in Chapter 5 of the final supplement, the recommendation is that the adverse environmental impacts of license renewal for Byron are not great enough to deny the option of license renewal for energy-planning decisionmakers. This recommendation is based on: (1) the analysis and findings in the GEIS; (2) review of the Byron Environmental Report; (3) consultation with Federal, State, local, and Tribal agencies; (4) the NRC staff's independent review; and (5) the NRC staff's consideration of public comments received during the scoping process and on the draft supplement.

M.Ghallagher

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A separate Notice of Availability of the final supplemental environmental impact statement will be placed in the *Federal Register* through the U.S. Environmental Protection Agency. If you have any questions regarding this matter, please contact Ms. Lois James, Senior Project Manager, for the environmental review of the Byron license renewal application, by telephone at 301-415-3306 or by e-mail at lois.james@nrc.gov.

Sincerely,

/RA/

James G. Danna, Chief
Projects Branch 2
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket Nos. 50-454 and 50-455

Enclosures:

1. Draft Supplement 54
2. Federal Register Notice

cc: Listserv

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See next page

ADAMS Accession Nos.

1. Package: ML15077A293
2. Letter: ML15077A292
3. *Federal Register* Notice: ML15507A297
4. Generic Environmental Impact Statement for License Renewal of Nuclear Plants:
Supplement 54 to NUREG-1437: ML15196A263

*concurrence via e-mail

OFFICE	PM:RPB2:DLR	LA:DLR*	BC:RPB2:DLR
NAME	LJames	IBetts	JDanna
DATE	7/15/2015	7/14/15	7/16/15

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Letter to M. Gallagher from J. Danna dated July 16, 2015

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