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August 27, 2001

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

Quad Cities Nuclear Power Station, Units 1 and 2
Facility Operating License Nos. DPR-29 and DPR-30
NRC Docket Nos. 50-254 and 50-265

Subject: Supplement to Request for Technical Specifications Change, Transition to General Electric Fuel

References: (1) Letter from R. M. Krich (Commonwealth Edison Company) to U. S. NRC, "Request for Technical Specifications Change, Transition to General Electric Fuel," dated September 29, 2000

(2) Letter from U. S. NRC to O. D. Kingsley (Commonwealth Edison Company), "Dresden – Environmental Assessment and Finding of No Significant Impact Related to an Amendment Adding Siemens RODEX2A Methodology to Technical Specifications," dated September 11, 2000

In Reference 1, Commonwealth Edison Company, now Exelon Generation Company (EGC), LLC, submitted a request for changes to the Technical Specifications (TS) for Quad Cities Nuclear Power Station, Units 1 and 2, to support a change in fuel vendors from Siemens Power Corporation to General Electric and a transition to the use of GE14 fuel. In an August 9, 2001, telephone conference call between Mr. A. R. Haeger of EGC and Mr. S. N. Bailey of the NRC, the NRC requested that EGC propose a license condition limiting fuel burnup.

In accordance with this request, this letter proposes a change to the Operating Licenses for QCNPS, Units 1 and 2, to add a license condition limiting the maximum rod average burnup to 60 gigawatt-days per metric ton of uranium (GWD/MTU) for any fuel rod until completion of an NRC environmental assessment supporting an increased limit.

Reference 1 requested the incorporation of a Siemens Power Corporation topical report into QCNPS TS Section 5.6.5, "Core Operating Limits Report (COLR)." This topical report allows for a maximum rod average burnup of 62 GWD/MTU. In Reference 2, the NRC concluded that existing environmental assessments are acceptable if the fuel rod burnup levels are limited to 60 GWD/MTU. Since the Siemens Power Corporation topical report allows a burnup level greater than that evaluated by the existing

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environmental assessments, at the request of the NRC, the following license condition is proposed for the QCNPS Operating Licenses.

"Fuel Burnup

The maximum rod average burnup for any rod shall be limited to 60 GWD/MTU until the completion of an NRC environmental assessment supporting an increased limit."

The proposed change is consistent with similar license conditions contained in the Dresden Nuclear Power Station, Units 2 and 3 Operating Licenses.

Should you have any questions related to this letter, please contact Mr. Allan R. Haeger at (630) 657-2807.

Respectfully,

K. A. Ainger
Director – Licensing
Mid-West Regional Operating Group

Affidavit

cc: Regional Administrator – NRC Region III
NRC Senior Resident Inspector – Dresden Nuclear Power Station
NRC Senior Resident Inspector – Quad Cities Nuclear Power Station
Office of Nuclear Facility Safety – Illinois Department of Nuclear Safety

STATE OF ILLINOIS	)	
COUNTY OF DUPAGE	)	
IN THE MATTER OF	)	
EXELON GENERATION COMPANY, LLC	)	**Docket Numbers**
QUAD CITIES NUCLEAR POWER STATION, UNITS 1 AND 2)		**50-254 AND 50-265**

SUBJECT: Supplement to Request for Technical Specifications Change, Transition to General Electric Fuel

AFFIDAVIT

I affirm that the content of this transmittal is true and correct to the best of my knowledge, information and belief.

K. A. Ainger
Director – Licensing
Mid-West Regional Operating Group

Subscribed and sworn to before me, a Notary Public in and for the State above named, this 27th day of August, 2001.

Notary Public

"OFFICIAL SEAL"
Tim[illegible] A. Byam
Notary P[illegible] State of Illinois
My Commis[illegible]ires 11/24/2001