

RS-01-097

May 4, 2001

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

Dresden Nuclear Power Station, Units 2 and 3
Facility Operating License Nos. DPR-19 and DPR-25
NRC Docket Nos. 50-237 and 50-249

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: Supplemental Information to Request for License Amendment for Reactor Vessel Low Water Level Setpoint

Reference: Letter from R. M. Krich (Exelon Generation Company) to U.S. NRC, "Request for License Amendment for Reactor Vessel Low Water Level Setpoint," dated February 22, 2001

In the referenced letter, the Exelon Generation Company (EGC), LLC, requested changes to the Technical Specifications (TS) for the Dresden Nuclear Power Station (DNPS), Units 2 and 3, and the Quad Cities Nuclear Power Station (QCNPS), Units 1 and 2. The proposed changes reduce the reactor vessel water level – low scram and isolation setpoints. In a discussion between Mr. L. W. Rossbach of the NRC and Mr. A. R. Haeger, the NRC requested that EGC provide additional information regarding these proposed changes. The attachment to this letter provides the requested information.

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Should you have any questions related to this information, please contact Mr. Allan R. Haeger at (630) 663-6645.

Respectfully,

A handwritten signature in black ink, appearing to read "R.M. Krich", written in a cursive style.

R.M. Krich
Director - Licensing
Mid-West Regional Operating Group

Attachments: Affidavit
Dresden Nuclear Power Station, Units 2 and 3, Quad Cities Nuclear
Power Station, Units 1 and 2, Reactor Vessel Level Reference Points

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
DRESDEN NUCLEAR POWER STATION Units 2 and 3) 50-237 AND 50-249
QUAD CITIES NUCLEAR POWER STATION Units 1 and 2) 50-254 AND 50-265
SUBJECT: Supplemental Information to Request for License Amendment for
Reactor Vessel Low Water Level Setpoint

AFFIDAVIT

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

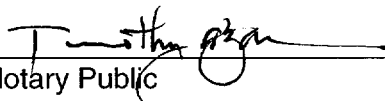


R.M. Krich
Director - Licensing
Mid-West Regional Operating Group

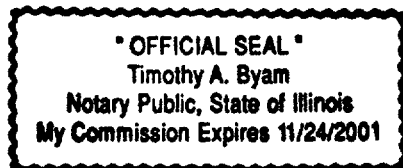
Subscribed and sworn to before me, a Notary Public in and

for the State above named, this 4th day of

May, 2001.



Notary Public

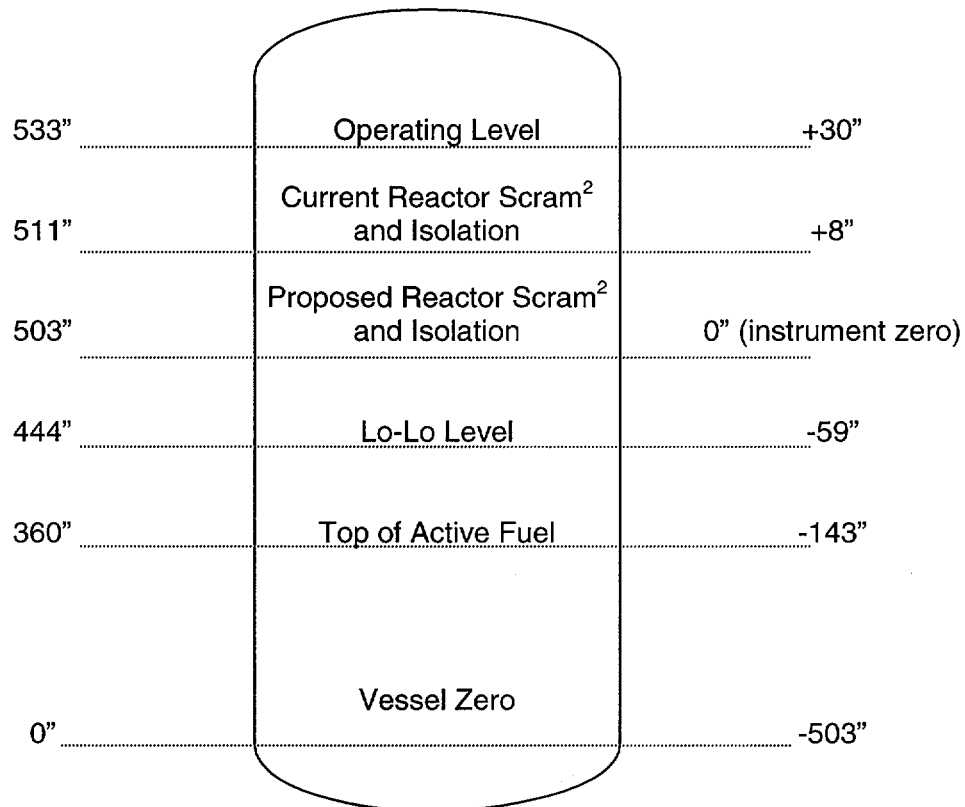


Attachment
Supplemental Information to Request for License Amendment for Reactor
Vessel Low Water Level Setpoint

Dresden Nuclear Power Station, Units 2 and 3
Quad Cities Nuclear Power Station, Units 1 and 2
Reactor Vessel Level Reference Points

Inches Above
Vessel Zero

Inches Relative to
Instrument Zero Reactor
Water Level¹



Notes

1. The values in the column labeled "inches relative to instrument zero reactor water level" are based on water level outside the core shroud. The water level inside the core shroud decreases in comparison to the water level outside the core shroud to a maximum of approximately seven inches as power is increased to 100% power due to the pressure drop across the steam dryer. Therefore, at 100% power, an indicated reactor water level of + 8 inches corresponds to a reactor water level of approximately +1 inches inside the core shroud. The transient analyses account for this level difference.
2. The analytical limits for the current and proposed low reactor water level scram and isolation are +8 inches and 0 inches respectively. The corresponding allowable values for Dresden Nuclear Power Station and Quad Cities Nuclear Power Station are provided in the License Amendment Request.