



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

December 5, 2016

Mr. Bryan C. Hanson  
President and Chief Nuclear Officer  
Exelon Nuclear  
4300 Winfield Road  
Warrenville, IL 60555

**SUBJECT: LIMERICK GENERATING STATION, UNIT 1 – CORRECTION TO LICENSE AMENDMENT NO. 185 REGARDING APPLICATION OF AN ALTERNATIVE SOURCE METHODOLOGY (CAC NO. MC2295)**

Dear Mr. Hanson:

By letter dated August 23, 2006 (Agencywide Documents Access and Management System (ADAMS) Package Accession No. ML062210207), the U.S. Nuclear Regulatory Commission (NRC) issued Amendment Nos. 185 and 146 to Facility Operating License Nos. NPF-39 and NPF-85 for the Limerick Generating Station (LGS), Units 1 and 2, respectively. The amendments revised the technical specifications (TSs) to support application of an alternative source term (AST) methodology in response to the application from Exelon Generation Company, LLC (Exelon) dated February 27, 2004, as supplemented by letters dated October 25, 2004; October 10, 2005; April 27, 2006; May 30, 2006; June 16, 2006; and August 4, 2006.

Based on a recent discussion with Exelon staff, the NRC staff was informed of an error in TS Table 3.3.7.1-1, "Radiation Monitoring Instrumentation," for LGS, Unit 1, Amendment No. 185. Specifically, on TS page 3/4 3-64, the data shown for function 2.b, "Control Room Direct Radiation Monitor," does not correctly align with the associated columns in the table (data is incorrectly shifted to the left).

It appears that this error was introduced by the camera-ready TS page provided by Exelon just prior to issuance of the AST amendment. The data on the camera ready page was not consistent with the changes proposed for this page as shown in Attachment 4 to Exelon's letter dated August 4, 2006 (ADAMS Accession ML062540523, non-publicly available). The corrected page is enclosed.

B. Hanson

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If you have any questions regarding this matter, I may be reached at 301-415-1420 or [Rick.Ennis@nrc.gov](mailto:Rick.Ennis@nrc.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'RBE', with a stylized flourish at the end.

Richard B. Ennis, Senior Project Manager  
Plant Licensing Branch I-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-352

Enclosure:  
Corrected TS Page 3/4 3-64 to Renewed  
License No. NPF-39

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CORRECTION TO LICENSE AMENDMENT NO. 185

LIMERICK GENERATING STATION, UNIT 1

RENEWED FACILITY OPERATING LICENSE NO. NPF-39

DOCKET NO. 50-352

Replace the following page of the Appendix A Technical Specifications with the attached revised page. The revised pages is identified by amendment number and contains a marginal line indicating the area of change.

Remove  
3/4 3-64

Insert  
3/4 3-64

Enclosure

TABLE 3.3.7.1-1

RADIATION MONITORING INSTRUMENTATION

<u>INSTRUMENTATION</u>	<u>MINIMUM CHANNELS OPERABLE</u>	<u>APPLICABLE CONDITIONS</u>	<u>ALARM/TRIP SETPOINT</u>	<u>ACTION</u>
1. Main Control Room Normal Fresh Air Supply Radiation Monitor	4	1,2,3, and *	$1 \times 10^{-5} \mu\text{Ci/cc}$	70
2. Area Monitors				
a. Criticality Monitors				
1) Spent Fuel Storage Pool	2	(a)	$\geq 5 \text{ mR/h}$ and $\leq 20\text{mR/h}^{(b)}$	71
b. Control Room Direct Radiation Monitor	1	At All Times	N.A. <sup>(b)</sup>	73
3. Reactor Enclosure Cooling Water Radiation Monitor	1	At All Times	$\leq 3 \times \text{Background}^{(b)}$	72

B. Hanson

- 2 -

If you have any questions regarding this matter, I may be reached at 301-415-1420 or [Rick.Ennis@nrc.gov](mailto:Rick.Ennis@nrc.gov).

Sincerely,

*/RA/*

Richard B. Ennis, Senior Project Manager  
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Corrected TS Page 3/4 3-64 to Renewed  
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