

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4000

April 15, 1986

Docket No. 50-352

Dr. Thomas E. Murley, Administrator
Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

SUBJECT: Revision to Semi-Annual Effluent Releases Report No. 3
July 1, 1985 through December 31, 1985
Limerick Generating Station

Dear Dr. Murley:

Enclosed is a revised "Liquid Effluent-Summation of All Releases" page and a revised Table A.1 (page 2 of 5) to the Semi-Annual Effluent Releases Report No. 3 for Limerick Generating Station Unit 1. The Semi-Annual Effluent Releases Report was submitted on February 28, 1986 in compliance with the Annual Reporting requirements of Technical Specification 6.9.1.8 of Operating License NPF-39 in accordance with Regulatory Guide 1.21 and Regulatory Guide 10.1.

A revised Table IIA, "Liquid Effluent-Summation of All Releases", page 1 of 2 is being submitted to correct errors, due to an administrative oversight, in the values for:

- (1) "Average Diluted Concentration During Period" line for the third quarter of 1985 as presented under Sections A.2, B.2, and C.2;
- (2) "Volume Waste Released (Prior To Dilution)" line for the fourth quarter of 1985 as presented under Section E; and
- (3) "Volume Dilution Water Used During Period" line for the third quarter of 1985 as presented under Section F.

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Limerick Generating Station uses an in-house computer system to correlate and compute certain data submitted in the Semi-Annual Effluent Releases Report. The values for Section E and Section F are inputted manually. At the time of the original submittal of the Semi-Annual Effluent Releases Report, the values of Section E for Quarter 4 and Section F for Quarter 3 were inadvertently interchanged. At that time, it was realized that the computer utilized its values in Section F to compute the values in Sections A.2, B.2, and C.2 (i.e., $A.1/F = A.2$, $B.1/F = B.2$, and $C.1/F = C.2$). The values in Sections A.2, B.2 and C.2, E & F have been changed on this revised page to provide the proper data. The corrected data is indicated by a vertical bar in the margin of the revised page.

Please delete Table A.1 (page 2 of 5), "Liquid Radwaste Discharge to Schuylkill River", in the previously submitted report and replace it with the attached Table A.1 (page 2 of 5). Page 2 of 5, as originally submitted, was a duplicate of page 3 of 5 of the same series. This oversight occurred during the manual addition of page numbers to the computer generated report. We are pursuing a review of the computer-generated input to this report in order to identify changes which will avoid such errors in the future.

We regret any inconveniences these errors may have caused. If you have any questions, please do not hesitate to contact us.

Very truly yours,



W. M. Alden
Engineer-In-Charge
Licensing Section

SLZ:vdw

Attachments

cc: USNRC Document Control Desk
E. M. Kelly, Senior Resident Site Inspector
See Service List

SITE: LIMERICK
 UNIT: UI
 USER: PART
 DATE: 2/17/86 11:19

EFFLUENT AND WASTE DISPOSAL REPORT

LIQUID EFFLUENTS FOR RELEASE POINT: 1 Liquid Rad Waste Discharge to Schuylkill River

NUCLIDES RELEASED	UNITS	CONTINUOUS MODE				BATCH MODE			
		QUARTER 3	QUARTER 4	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4	QUARTER 1	QUARTER 2
RB86	CI	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RB88	CI	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RB89	CI	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SR89	CI	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SR90	CI	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SR91	CI	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SR92	CI	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Y90	CI	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Y91M	CI	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Y91	CI	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Y92	CI	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Y93	CI	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ZR95	CI	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ZR97	CI	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NR95	CI	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MO99	CI	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TC99M	CI	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.287E-04
TC101	CI	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

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APPLICABLE. SEE
II. TABLE -- D

SITE: LIMERICK
UNIT: UI
USEP: M-PT
DATE: 2/17/86 11:19

EFFLUENT AND WASTE DISPOSAL REPORT

LIQUID EFFLUENTS -- SUMMATION OF ALL RELEASES

UNITS	QUARTER	QUARTER	EST. TOTAL
:	3	4	ERROR, %

A. FISSION AND ACTIVATION PRODUCTS

1. TOTAL RELEASE (EXCL. TRIT., GASES, ALPHA):	CI	0.205E-03	0.212E-01	0.180E+02
2. AVERAGE DILUTED CONC. DURING PERIOD:	UCI/ML	0.214E-10	0.149E-08	
3. PERCENT OF APPLICABLE LIMIT	%	0.000E+00	0.000E+00	*****

B. TRITIUM

1. TOTAL RELEASE	CI	0.136E+00	0.926E+00	0.133E+02
2. AVERAGE DILUTED CONC. DURING PERIOD:	UCI/ML	0.148E-07	0.648E-07	
3. PERCENT OF APPLICABLE LIMIT	%	0.000E+00	0.000E+00	*****

C. DISSOLVED AND ENTRAINED GASES

1. TOTAL RELEASE	CI	0.095E-04	0.162E-02	0.200E+02
2. AVERAGE DILUTED CONC. DURING PERIOD:	UCI/ML	0.104E-10	0.113E-09	
3. PERCENT OF APPLICABLE LIMIT	%	0.000E+00	0.000E+00	*****

D. GROSS ALPHA RADIOACTIVITY

1. TOTAL RELEASE	CI	0.000E+00	0.658E-02	0.147E+01
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E. VOLUME WASTE RELEASED (PRIOR TO DILUTION)	LITERS	0.519E+07	0.535E+07	0.100E+02
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F. VOLUME DILUTION WATER USED DURING PERIOD	LITERS	0.958E+10	0.143E+11	0.100E+02
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