



**Commonwealth Edison**  
72 West Adams Street, Chicago, Illinois  
Address Reply to: Post Office Box 767  
Chicago, Illinois 60690

March 30, 1981

Mr. James G. Keppler  
Regional Director  
Office of Inspection and Enforcement  
Region III  
U.S. Nuclear Regulatory Commission  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

Subject: QUAD CITIES STATION 1980 LIQUID DOSE TABLES

Dear Mr. Keppler:

The attached tables of maximum doses resulting from liquid effluents are submitted, as an attachment to this report. This data was not available at the time the report was printed.

Sincerely yours,

J.C. Golden  
Supervisor  
Radioecology/Emergency Planning

JCG/vls

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QUAD CITIES UNIT ONE

MAXIMUM DOSES (MREM) RESULTING FROM LIQUID EFFLUENTS  $\Delta$

PERIOD OF RELEASE - 1/ 1/80 TO 12/31/80 CALCULATED 03/27/81 \*

DOSE TYPE	CURRENT PERIOD	1ST PREV QUARTER	2ND PREV QUARTER	3RD PREV QUARTER	4TH PREV QUARTER	ANNUAL
TOTAL BODY	0.0	0.32E 01	0.57E-02	0.19E-01	0.70E 00	0.39E 01
INTERNAL ORGAN	0.0	0.45E 01	0.80E-02	0.27E-01	0.98E 00	0.55E 01

LIVER LIVER LIVER LIVER LIVER

\* THIS IS A REPORT BASED ON FOUR PREVIOUS QUARTERS

COMPLIANCE STATUS

TYPE	10 CFR 50 APP. I		10 CFR 50 APP. I	
	QUARTERLY OBJECTIVE	% OF APP. I	YEARLY OBJECTIVES	% OF APP. I
TOTAL BODY	0.15E 01 (MREM)	0.21E 03	0.30E 01 (MREM)	0.13E 03
CRITICAL ORGAN	0.50E 01 (MREM)	0.89E 02	0.10E 02 (MREM)	0.55E 02

LIVER

LIVER

$\Delta$  Maximum doses computed using an assumed reduced Mississippi River flow for fish pathway. Maximum doses for normal river flow are approximately 1/10 these values.

QUAD CITIES UNIT TWO

MAXIMUM DOSES (MREM) RESULTING FROM LIQUID EFFLUENTS

PERIOD OF RELEASE - 1/ 1/80 TO 12/31/80 CALCULATED 03/27/81 \*

DOSE TYPE	CURRENT PERIOD	1ST PREV QUARTER	2ND PREV QUARTER	3RD PREV QUARTER	4TH PREV QUARTER	ANNUAL
TOTAL BODY	0.0	0.32E 01	0.57E-02	0.19E-01	0.70E 00	0.39E 01
INTERNAL ORGAN	0.0	0.45E 01	0.80E-02	0.27E-01	0.98E 00	0.55E 01
		LIVER	LIVER	LIVER	LIVER	LIVER

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COMPLIANCE STATUS

TYPE	10 CFR 50 APP. I QUARTERLY OBJECTIVE	% OF APP. I	10 CFR 50 APP. I YEARLY OBJECTIVES	% OF APP. I
TOTAL BODY	0.15E 01 (MREM)	0.21E 03	0.30E 01 (MREM)	0.13E 03
CRITICAL ORGAN	0.50E 01 (MREM)	0.89E 02	0.10E 02 (MREM)	0.55E 02
		LIVER		LIVER

Δ Maximum doses computed using an assumed reduced Mississippi River flow for fish pathway. Maximum doses for normal river flow are approximately 1/10 these values.