



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: ZION 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

8105040054

ZION UNIT ONE

MAXIMUM DOSES (MREM) RESULTING FROM LIQUID EFFLUENTS

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

DOSE TYPE	PERIOD	CURRENT	1ST PREV QUARTER	2ND PREV QUARTER	3RD PREV QUARTER	4TH PREV QUARTER	ANNUAL
TOTAL	0.0		0.24E-04	0.19E-04	0.45E-04	0.58E-07	0.87E-04
BODY							
INTERNAL	0.0		0.32E-04	0.25E-04	0.60E-04	0.43E-06	0.12E-03
ORGAN			LIVER	LIVER	LIVER	GI-LLI	LIVER

* THIS IS A REPORT BASED ON FOUR PREVIOUS QUARTERS

COMPLIANCE STATUS

TYPE	10 CFR 50 APP. I QUARTERLY OBJECTIVE	% OF APP. I	10 CFR 50 APP. I YEARLY OBJECTIVES	% OF APP. I
TOTAL	0.15E 01 (MREM)	0.16E-02	0.30E 01 (MREM)	0.29E-02
BODY				
CRITICAL	0.50E 01 (MREM)	0.65E-03	0.10E 02 (MREM)	0.12E-02
ORGAN		LIVER		LIVER

ZION 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	PERIOD	1ST PREV QUARTER	2ND PREV QUARTER	3RD PREV QUARTER	4TH PREV QUARTER	ANNUAL
TOTAL	0.0	0.52E-04	0.75E-03	0.27E-04	0.25E-03	0.11E-02
BODY						
INTERNAL	0.0	0.69E-04	0.30E-02	0.38E-04	0.24E-03	0.31E-02
ORGAN		LIVER	BONE	LIVER	LIVER	BONE

* THIS IS A REPORT BASED ON FOUR PREVIOUS QUARTERS

COMPLIANCE STATUS

TYPE	10 CFR 52 APP. I QUARTERLY OBJECTIVE	% OF APP. I	10 CFR 50 APP. I YEARLY OBJECTIVES	% OF APP. I
TOTAL	0.15E 01 (MREM)	0.35E-02	0.30E 01 (MREM)	0.36E-01
BODY				
CRITICAL	0.50E 01 (MREM)	0.14E-02	0.10E 02 (MREM)	0.31E-01
ORGAN		LIVER		BONE