

December 29, 1993

Attached is Revision 1.0 to the Commonwealth Edison Company (CECO) Offsite Dose Calculation Manual's (ODCM) Generic Sections (Chapters 1-9 and Appendices A-E). The Generic Sections are applicable to all CECO nuclear power stations. Because of the revision of 10CFR20 and the implementation of 10CFR20 beginning 1-1-94, changes to the ODCM were required. Major changes included the following: defining the new restricted area boundary, utilizing whole body dose factors which calculate dose at 1 cm instead of 5 cm, additional equations to calculate TEDE, DDE, CEDE, and CDE, revised ground shine equation, and revised MPC term to DWC (derived water concentration). As a controlled document holder, you should additionally be receiving the appropriate Site Specific Sections (Chapters 10, 11, 12 and Appendix F) under separate cover. Retained from the past edition are ONLY the tabs and the binders, ALL pages are revised. Please remove all **generic section** pages from the existing controlled document and complete the following manual update utilizing the existing tabs:

Remove

All pages from Generic ODCM Sections

Insert

Signature Sheet

Table of Contents TAB

Cover Sheet

Table of Contents

p. TOC-1 - p. TOC-11

Chapter 1 TAB

Chapter 1

p. 1-i - p. 1-iii

p. 1-1 - p. 1-14

Chapter 2 TAB

Chapter 2

p. 2-i - p. 2-ii

p. 2-1 - p. 2-30

Chapter 3 TAB

Chapter 3

p. 3-i - p. 3-ii

p. 3-1 - p. 3-6

Chapter 4 TAB

Chapter 4

p. 4-i - p. 4-iii

p. 4-1 - p. 4-42

Chapter 5 TAB

Chapter 5

p. 5-i

p. 5-1 - p. 5-6

*244
NRC
DOC. CTL. DESK*

110041

9402150234 940131
PDR ADOCK 05000237
P PDR

EPCEPIP/docctr11/51

*Hoog
0/11
Ried
w/aut. ltr*

Remove

Insert

Chapter 6 TAB
Chapter 6
p. 6-i
p. 6-1 - p. 6-5

Chapter 7 TAB
Chapter 7
p. 7-i - p. 7-iii
p. 7-1 - p. 7-18

Chapter 8 TAB
Chapter 8
p. 8-i
p. 8-1 - p. 8-3

Chapter 9 TAB
Chapter 9
One Page

References TAB
References
p. R-1 - p. R-8

Appendix A TAB
Appendix A
p. A-i - p. A-iv
p. A-1 - p. A-64

Appendix B TAB
Appendix B
p. B-i - p. B-iv
p. B-1 - p. B-39

Appendix C TAB
Appendix C
p. C-i - p. C-ii
p. C-1 - p. C-9

Remove

Insert

Appendix D TAB
Appendix D
p. D-i - p. D-iii
p. D-1 - p. D-88

Appendix E TAB
Appendix E
p. E-i - p. E-iv
p. E-1 - p. E-44

Please sign and date this control sheet. Return to:

COMMONWEALTH EDISON COMPANY
c/o Document Control - EP
1400 Opus Place - 5th Floor
Downers Grove, IL. 60515
(708) 663-6496

Your signature indicates you have verified that your control number is correct and you have updated your manual.

Signature

Date

X244
NRG C/O DOC CTRL DSK, C. PATEL
DIRECTOR OF NUC. REACTOR REGULATION
U. S. NUC. REGULATORY COMMISSION
MAIL STATION P1-137

WASHINGTON DC
20555

December 29, 1993

Attached is Revision 1.0 to the Commonwealth Edison Company (CECO) Offsite Dose Calculation Manual's (ODCM) Site Specific Section (Chapters 10, 11, 12 and Appendix F). This Site Specific Section is applicable to all CECO Nuclear Power Stations (e.g. Braidwood, Byron, Dresden, LaSalle, Quad Cities and Zion Stations). Because of the revision of 10CFR20 and the implementation of 10CFR20 beginning 1-1-94, changes to the ODCM were required. Major changes included the following: defining the new restricted area boundary, utilizing whole body dose factors which calculate dose at 1 cm instead of 5 cm, inclusion of recent land use census, and revised MPC term to DWC (derived water concentration). As a controlled document holder, you should additionally be receiving the Generic Section of ODCM (Chapters 1-9 and Appendices A-E) under separate cover. Retained from the past edition are ONLY the tabs and the binders, ALL pages are revised. Please remove all pages from the existing controlled document and complete the following **site specific** update utilizing the existing tabs:

Remove

All pages from Site Specific
ODCM Sections

Insert

Braidwood
Chapter 10
Chapter 11
Chapter 12
Appendix F

Byron
Chapter 10
Chapter 11
Chapter 12
Appendix F

Dresden
Chapter 10
Chapter 11
Chapter 12
Appendix F

LaSalle
Chapter 10
Chapter 11
Chapter 12
Appendix F

Remove

Insert

Quad Cities
Chapter 10
Chapter 11
Chapter 12
Appendix F

Zion
Chapter 10
Chapter 11
Chapter 12
Appendix F

Please sign and date this control sheet. Return to:

COMMONWEALTH EDISON COMPANY

c/o Document Control - EP
1400 Opus Place - 5th Floor
Downers Grove, IL. 60515
(708) 663-6496

Your signature indicates you have verified that your control number is correct and you have updated your manual.

Signature

Date