

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:

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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:

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