CHAPTER 17 - QUALITY ASSURANCE

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CHAPTER 17 - QUALITY ASSURANCE

17.0 INTRODUCTION

Exelon has ultimate responsibility for assuring that the Clinton Power Station is designed, constructed, tested, and operated in compliance with applicable regulations, codes, and standards and in a manner to protect the health and safety of the public. In meeting this responsibility, a Quality Assurance program has been established and implemented which complies with the provisions of:

a. Title 10, Code of Federal Regulations Part 50 Appendix B, "Quality Assurance Criteria for Nuclear Power Plants and Fuel Reprocessing Plants",

b. American Society of Mechanical Engineers (ASME) NQA-1 (1994) "Quality Assurance Program Requirements for Nuclear Facilities",

c. American National Standard ANSI N18.7-(1976) "Administrative Controls and Quality Assurance for the Operational Phase of Nuclear Power Plants", and

d. Applicable sections of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code.

The Clinton Power Station Quality Assurance Manual is structured in accordance with the outline of the eighteen criteria of Appendix B to 10CFR50 and Revision 3 of the NRC Regulatory Guide 1.70, "Standard Format and Content of Safety Analysis Reports for Nuclear Power Plants - LWR Edition". Section 17.1, Quality Assurance During Design and Construction, in the PSAR, covered activities occurring up to the turnover of a system, structure, or component by the constructor to IP for checkout and testing. Section 17.2, Quality Assurance During the Operations Phase, describes the Quality Assurance program applicable to activities during the Operations Phase.

17.1 QUALITY ASSURANCE DURING DESIGN AND CONSTRUCTION

The Quality Assurance Program for design and construction of Clinton Power Station was described in the Illinois Power Nuclear Power Construction Quality Assurance Manual.

17.2 QUALITY ASSURANCE DURING THE OPERATIONS PHASE

The Quality Assurance Program for Operation of Clinton Power Station is described in the Quality Assurance Topical Report (QATR) NO-AA-10. The QATR is incorporated by reference.