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IEEE Standard for
Electrical Penetration Assemblies
in Containment Structures
for Nuclear Fueled Power Generating Stations



THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, Inc.



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Foreword

(This Foreword is not a part of the IEEE Standard for Electrical Penetration Assemblies in Containment Structures for Nuclear Fueled Power Generating Stations).

The Institute of Electrical and Electronics Engineers (IEEE) has developed these criteria to provide guidance in the determination of the features of design, construction, and installation related to the Electrical Penetration Assemblies of the nuclear facilities that comply with the Atomic Energy Commission's Code of Federal Regulations (10 CFR 50).

Adherence to these criteria alone may not suffice for assuring the public health and safety because it is the integrated performance of the structures, the fluid systems, the instrumentation, and the electrical systems of the stations that establishes the consequences of accidents. Each applicant has the responsibility to assure himself and others that this integrated performance is adequate.

The IEEE will maintain this document current with the state of the technology. Comments on this document and suggestions for the additional material that should be included are invited. These should be addressed to:

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