

THE ARCHITECTURE OF NUCLEAR BUILDINGS
NUCLEAR POWER PLANTS

by

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3735

A MASTER'S THESIS

submitted in partial fulfillment

of the requirements for the degree

MASTER OF ARCHITECTURE

Department of Architecture

KANSAS STATE UNIVERSITY
Manhattan, Kansas

1970

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ACKNOWLEDGEMENT

The author gratefully acknowledges to the officers of the administration, faculty, and service of the Departments of: Architecture, Industrial Engineering, and Nuclear Engineering for their cooperation, courtesies, professional advice, guidance and assistance given by them and by other individuals and companies.

It has been of an inestimable value. Special acknowledgement must be given to The American Society for Engineering Education, The Office of Civil Defence, and the Nuclear Defence Design Institute at Rensselaer Polytechnic Institute, Troy, New York.

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INTRODUCTION

The profession of architecture is concerned with the physical environment of man. Each civilization leaves a tangible record of its aims and beliefs through the expression of its architecture.

Architecture is the construction in which the human requirements and the building materials involved have been so dealt with as to furnish a practical and aesthetic solution, thus differing from the pure utility of engineering construction.

It is not intended that the reader, after studying this paper, be able to design a nuclear power plant. The design and construction of a nuclear power plant complex is so intricate that it is extremely difficult to describe intelligibly. It is hoped, however, that the reader will understand the basic types and have a better appreciation of the problems and prospects of such nuclear power plants, considered from the point of view of the architect.