



GAGE-BABCOCK & ASSOCIATES, INC.

CHICAGO OFFICE • 135 ADDISON AVENUE, ELMHURST, IL 60126 • (312) 530-1494

PAUL D. SMITH, P.E., *President*
BERT M. COHN, P.E., *Senior Vice President*

August 15, 1980
File 7917

U.S. Nuclear Regulatory Commission
Division of Systems Safety
Attn: Victor Benaroya
Washington, D.C. 20555

Gentlemen:

BOA NRC-03-78-131

In accordance with your request we are proposing to prepare fire protection guidelines for I & E inspections of nuclear power plants.

Fire safety standards are very comprehensive and encompass many arrangements, constructions and features that are not encountered in nuclear powered generating stations. It would be extremely difficult for individual inspectors to determine what standards and parts thereof which pertain to nuclear power plants and it is likely that they may miss some important items.

Therefore, GBA proposes to develop fire protection guidelines which would be used in the I & E inspections to facilitate the work and minimize the risk of incomplete coverage. These detailed guidelines would be based on the requirements of National Fire Protection Standards which we have found to be important for nuclear power plants. The work would include:

1. Reviewing each applicable standard.
2. Identifying the material applicable to nuclear power plants.
3. Extracting this information and putting it in a summary format suitable for use by I & E inspectors.
4. Reference each to the appropriate standard and paragraph.

XGOS/10

5. Compiling all the above into an indexed guide which can be reproduced and provided for inspectors.

This task will require review and collection of material from approximately 180 chapters of 26 NFPA standards.

This task would require approximately 490 man hours of effort at a total cost, including travel, reproduction, long distance telephone, etc., of \$20,000.

Very truly yours,

John A. Campbell
John A. Campbell, P.E.
Manager, Chicago Office