

CRITICAL FACILITY ROUND TABLE
STANDARDS COMMITTEE
Meeting No. 1
January 14, 2004 9:00 AM to 11:00 AM
At
BOMA
233 Sansome Street, San Francisco, 8th Floor

This is planned as the first **STANDARDS COMMITTEE** meeting, of the 'Critical Facility Round Table' to discuss the following:

1. This committee is organized to be able to select and discuss various projects, which the 'CFRT' will find interesting and will be able to further their knowledge and expertise in the pursuit of their association with Critical Facility operations.

The first proposed project will be the obtaining and developing of a listing of competent firms and individuals that have extensive experience in design/commissioning, etc. of critical facility projects. Called 'CRITICAL FACILITY FIRM LISTINGS' [See Appendix 'A' for initial reason for forming this committee]

The questions associated with this first meeting are :

- How will this committee be organized?
- What disciplines should be involved – Electrical/Mechanical engineers and Architects, etc. [if Architects are to be involved, should the AIA become part of this committee] and what other groups and individuals should be included?
- To what group of individuals/organizations will final product be distributed ?
- How will individuals/firms selected be evaluated for competence?
- What type of 'Critical Facility' projects will be examined, for inclusion in the 'Critical Facility Firm listings'

The Critical Facilities Round Table Organization consists of Critical Facility end users only. The Committees are open to all interested parties.

Please advise if you are interested in joining the committee and can make the first meeting on January 14th, 2004

Charles H. Krieger

APPENDIX
Charles H. Krieger

TO : CFRT members

RE : To organize a committee to identify engineering specialists in different areas of expertise to assist individuals in the selection of experts for designing or modifications of existing or new facilities

One of the items that I have noticed over the years, and this is especially true today, with the development of new technologies, is the different types and difficulties of projects undertaken by architectural mechanical/electrical engineers in the design and administration of facilities.

It used to be, that an architectural mechanical/electrical engineer would undertake the design of Hospitals, Computer centers, high rise office buildings, assembly plants, etc. as they were not as complex and did not have as many specialized systems and were not covered by so many different and more complex codes as they are today

Today and as then, all these facilities fall under the broad scope of Architectural Mechanical/Electrical engineers. Even though some of the engineers heading up these projects may not have the detailed past experience or information to do these projects properly, using today's technology for the type of facility they have been retained to design.

Having 'Peer Reviewed' these high tech type facilities over the years, talking to some engineers and observing the lack of competence shown by some of these designs, I have decided to try to somehow be involved in obtaining sub-specialty listings in the work done by these Architectural Mechanical/Electrical engineers, much as the physicians have done, so their clients can be assured that they have a competent experienced practitioner, who can do a good job for them. So far, some of the basic categories, that I feel require experienced engineers would be:

- ◆ Health Care facilities
- ◆ High Tech facilities with sub-specialties such as :
 - Computer Centers
 - Laboratories
 - Educational facilities
 - Communications
 - Controls

Another area, where the same category differentiation applies, is in the area of commissioning.

- ◆ It is felt that CERTIFICATION would not be possible, as, same as licensing would involve individual states official involvement.
- ◆ A listing of competent experienced engineers available to interested clients that would be available through the BOMA, AIA, ASHRAE, IEEE, etc. organizations.