



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

Docket
50-361
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April 10, 1978

TO ALL POWER REACTOR LICENSEES AND ALL APPLICANTS
WITH APPLICATIONS FOR A LICENSE TO OPERATE A POWER
REACTOR

Gentlemen:

This letter is being sent to all licensees authorized to operate a nuclear power reactor and to all applicants with applications for a license to operate a power reactor (FSAR docketed) to advise you that the Nuclear Regulatory Commission has forwarded to the FEDERAL REGISTER a notice of meeting, subject "Implementation of 10 CFR 73.55 Requirements and Status of Research for Physical Protection of Licensed Activities in Nuclear Power Reactors against Sabotage" to be held May 11-12, 1978 in Albuquerque, New Mexico. This meeting will be open to the public.

The first day of the meeting will be taken up with presentations by Sandia Laboratories and Los Alamos Scientific Laboratories (LASL) covering their physical security research efforts. Sandia has extensive experience in the analysis of barriers, intrusion alarms, vital area identification and analysis, and security system design, modeling and evaluation. Additionally, Sandia provides consultant services to DOE and NRC in most facets of safeguards. LASL has considerable experience in explosives and detection systems research. LASL also provides consultant services to the NRC and is currently assisting the NRC in the review of nuclear power plants physical security plans.

The second day will begin with an address by Mr. Victor Stello, Jr., Director, Division of Operating Reactors, Office of Nuclear Reactor Regulation. The theme for this day will be safeguards issues and answers in the implementation of 10 CFR 73.55. Discussions of the major issues that have surfaced during physical security plan reviews will be moderated by Mr. James R. Miller, Assistant Director for Reactor Safeguards, Division of Operating Reactors, Office of Nuclear Reactor Regulation. These discussions will provide for an exchange between licensee representatives and NRC Safeguards personnel on questions related to implementation of the requirements of 10 CFR 73.55.

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Multiple Addressees

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If you have any particular related topics or generic safeguards questions that you would like discussed at the meeting, please let us know and we will modify the enclosed agenda if time permits. For any further information or comments, please contact Frank Pagano of my staff (301-492-7846).

Sincerely,


Edson G. Case, Acting Director
Office of Nuclear Reactor Regulation

Enclosure:
Meeting Agenda

cc: See next page

Southern California Edison Company
San Diego Gas and Electric Company

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cc: Rollin E. Woodbury, General Counsel
Southern California Edison Company
2244 Walnut Grove Avenue
P. O. Box 800
Rosemead, California 91770

Chickering & Gregory
ATTN: David R. Pigott, Esq.
Counsel for San Diego Gas
& Electric Company and
Southern California
Edison Company
Three Embarcadero Center, 23rd Floor
San Francisco, California 94112

Mr. Kenneth E. Carr
City Manager
City of San Clemente
100 Avenida Presidio
San Clemente, California 92672

Alan R. Watts, Esq.
Rourke & Woodruff
1055 North Main Street
Suite 1020
Santa Ana, California 92701

Lawrence Q. Garcia, Esq.
California Public Utilities Commission
5066 State Building
San Francisco, California 94102

Mr. R. W. DeVane, Jr.
Combustion Engineering, Inc.
1000 Prospect Hill Road
Windsor, Connecticut 06095

Mr. P. Dragolovich
Bechtel Power Corporation
P. O. Box 60860, Terminal Annex
Los Angeles, California 90060

Mr. Mark Medford
Southern California Edison Company
2244 Walnut Grove Avenue
P. O. Box 800
Rosemead, California 91770

Henry Peters
San Diego Gas & Electric Company
Post Office Box 1831
San Diego, California 92112

Ms. Lyn Harris Hicks
Advocate for GUARD
3908 Calle Ariana
San Clemente, California 92672

Richard J. Wharton, Esq.
4655 Cass Street, Suite 304
San Diego, California 92109

INDUSTRY MEETING - ALBUQUERQUE MAY 11-12

Status of Research

Meeting Agenda - May 11, 1978

- 8:30 - 8:45 - Introduction to the conference - Opening Remarks
by James R. Miller, Assistant Director for Reactor
Safeguards, DOR, NRR, NRC
- 8:45 - 9:00 - Overview of effectiveness assessment methodology -
William M. Murphey, Chief, Technical Support Branch,
DSFER, RES, NRC
- 9:00 - 9:45 - Facility characterization and target identification -
Sandia Laboratories
- 9:45 - 10:00 - Break
- 10:00 - 10:45 - Detection of unauthorized access by stealth or
deceit - Lawrence Livermore Laboratories
- 10:45 - 11:30 - Encounter probability - Sandia Laboratories
- 11:30 - 12:15 - Engagement outcome probability - Sandia Laboratories
- 12:15 - 2:15 - Lunch
- 2:15 - 3:00 - Design to protect against reactor sabotage - Sandia
Laboratories
- 3:00 - 3:30 - Catalog of physical protection equipment - H. Michael
Hawkins, Chief, Operational Support Branch, DSFER,
RES, NRC
- 3:30 - 3:34 - Break
- 3:45 - 4:30 - DOE safeguards R&D program - Division of Safeguards
and Security, DOE/Sandia Laboratories
- 4:30 - 5:00 - Explosion detection - Los Alamos Scientific Laboratory

Implementation of 10 CFR 73.55

Meeting Agenda - May 12, 1978

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| 9:00 - 9:30 | - NRC Safeguards responsibilities - An opening address by Victor Stello, Jr., DOR, NRR, NRC |
| 9:30 - 9:50 | - Actions to be taken by NRC if an unsatisfactory SPER results |
| 9:50 - 10:10 | - 10 CFR 21/10 CFR 73.55 relationships |
| 10:10 - 10:30 | - Equipment acceptance/Alarms/Locks/etc. |
| 10:30 - 10:50 | - Break |
| 10:50 - 11:10 | - Vital Areas/Activity control |
| 11:10 - 11:30 | - Threat/Insider/General performance requirements |
| 11:30 - 12:00 | - Screening/Search/Package control/Escorts |
| 12:00 - 2:00 | - Lunch |
| 2:00 - 2:20 | - Use of deadly force/Guard qualification/Response force |
| 2:20 - 2:50 | - Overall physical security program performance |
| 2:50 - 3:10 | - Review procedure: Security plan - Security Workbooks - SPER |
| 3:10 - 3:30 | - August 24 date - extension of time/10 CFR 50.54(p) changes/Licensee amendment fees |
| 3:30 - 3:50 | - Break |
| 3:50 - 4:10 | - New & Proposed rules/Contingency Planning/Guard Training/Clearance/Upgrade |
| 4:10 - 4:30 | - I&E/NRR relationship with respect to inspection after August 24 |
| 4:30 - 5:00 | - Closing remarks - NRC expectations, etc. - Victor Stello, Jr. |