

FEB 26 1988

MEMORANDUM FOR: Wayne D. Lanning, Chief  
Events Assessment Branch  
Division of Operational Events Assessment, NRR

THRU: Richard M. Lobel, Section Chief  
PWR Section  
Events Assessment Branch  
Division of Operational Events Assessment, NRR

FROM: Nick Fields, Electrical Engineer  
PWR Section  
Events Assessment Branch  
Division of Operational Events Assessment, NRR

SUBJECT: FORTHCOMING MEETING WITH BALTIMORE GAS AND ELECTRIC  
COMPANY (BG&E), DUQUESNE LIGHT AND POWER COMPANY (DLP)  
AND SACRAMENTO MUNICIPAL UTILITY DISTRICT (SMD) REGARDING  
FIRES IN ANNUNCIATOR CABINETS

DATE & TIME: Thursday, March 3, 1988  
10:00 A.M.

LOCATION: Room 2F17, One White Flint North (OWFN), Rockville Pike  
and Marinelli Street, Rockville, Maryland

PURPOSE: Fact Finding meeting regarding fires in annunciator  
cabinets at Beaver Valley 2, Calvert Cliffs 2, and  
Rancho Seco. (See attached Agenda)

PARTICIPANTS: NRC BG&E  
R. Eckenrode B. Sullivan, et al.  
J. Kramer  
N. Fields DLP  
V. Thomas J. Meracek, et al.  
L. Miller  
W. Haass SMD  
S. McNeil B. Little, et al.  
G. Kalman  
P. Tam American Nuclear Insurers  
L. Cheung J. Galaska  
S. Newberry

8803010319 880226  
PDR ADOCK 05000312  
S PDR

15/  
Nick Fields, Electrical Engineer  
PWR Section  
Events Assessment Branch  
Division of Operational Events Assessment, NRR

Attachment: As stated

cc: See attached sheets

Distribution  
Docket Files  
EAB r/f  
TEMurley  
TTMartin

NRC & Local PDR  
DOEA r/f  
JSniezek  
CERossi

EAB:NRR *NP*  
NFields:bjp  
2/25/88

FIRES IN ANNUNCIATOR CABINETS,  
AT CALVERT CLIFFS, BEAVER VALLEY  
AND RANCHO SECO

AGENDA

- A. NRC INTRODUCTION: STATEMENT OF PROBLEM AND OUR CONCERNS
- B. PRESENTATIONS BY EACH LICENSEE ON THE FOLLOWING TOPICS
  - ° Design and Operating history of each licensee's annunciator control cabinets including:
    - ° Design Description
    - ° Preventive maintenance practices
    - ° Major modifications and reason for modification
    - ° Failures
    - ° Interfaces with other non-vital and vital systems
  - ° Causes of recent fires. Drawings and Photographs.
  - ° Emergency administrative procedures used to provide control room indication during annunciator inoperability
  - ° Short term hardware modifications made to return annunciator cabinets to operability
  - ° Long term modifications
  - ° Lessons learned
    - ° Need for formal procedures following loss of all control room audible and visual annunciation
    - ° Implications for other "non-vital" systems or components, the loss of which directly impacts safe reactor operation
- C. QUESTION AND ANSWER PERIOD

Mr. J. J. Carey  
Duquesne Light Company

Beaver Valley 2 Power Station

cc:

Gerald Charnoff, Esq.  
Jay E. Silberg, Esq.  
Shaw, Pittman, Potts & Trowbridge  
2300 N Street, N.W.  
Washington, DC 20037

Mr. Kenneth Grada, Manager  
Safety and Licensing,  
Duquesne Light Company  
P. O. Box 4  
Shippingport, Pennsylvania 15077

Mr. C. W. Ewing, Quality Assurance  
Manager  
Quality Assurance Department  
Duquesne Light Company  
P. O. Box 186  
Shippingport, Pennsylvania 15077

Pennsylvania Office of Consumer  
Advocate  
ATTN: Michael Bardee  
1425 Strawberry Square  
Harrisburg, Pennsylvania 17120

Director, Pennsylvania Emergency  
Management Agency  
Room B-151  
Transportation & Safety Building  
Harrisburg, Pennsylvania 17120

John D. Burrows, P.E.  
Director of Utilities  
State of Ohio  
Public Utilities Commission  
180 East Broad Street  
Columbus, Ohio 43266-0573

Mr. T. J. Lex  
Westinghouse Electric Corporation  
Power Systems  
P. O. Box 355  
Pittsburgh, Pennsylvania 15230

Bureau of Radiation Protection  
PA Department of Environmental  
Resources  
ATTN: R. Janati  
P.O. Box 2063  
Harrisburg, Pennsylvania 17120

Mr. P. Ray Sircar  
Stone & Webster Engineering Corporation  
P. O. Box 2325  
Boston, Massachusetts 02107

BYPS-2 Records Management Supervisor  
Duquesne Light Company  
Post Office Box 4  
Shippingport, Pennsylvania 15077

Mr. J. Beall  
U. S. NRC  
P. O. 181  
Shippingport, Pennsylvania 15077

John A. Lee, Esq.  
Duquesne Light Company  
1 Oxford Centre  
301 Grant Street  
Pittsburgh, Pennsylvania 15279

Regional Administrator, Region I  
U.S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Mr. J. A. Tiernan  
Baltimore Gas & Electric Company

Calvert Cliffs Nuclear Power Plant

cc:  
Mr. John M. Gott, President  
Calvert County Board of  
Commissioners  
Prince Frederick, Maryland 20768

Regional Administrator, Region I  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, Pennsylvania 19406

D. A. Brune, Esq.  
General Counsel  
Baltimore Gas and Electric Company  
P. O. Box 1475  
Baltimore, Maryland 21203

Mr. Joseph Galaska  
American Nuclear Insurers  
P.O. Box 1205  
Midlothian, Virginia 23113-8505

Jay E. Silberg, Esq.  
Shaw, Pittman, Potts and Trowbridge  
1800 M Street, NW  
Washington, DC 20036

Mr. M. E. Bowman, General Supervisor  
Technical Services Engineering  
Calvert Cliffs Nuclear Power Plant  
MD Rts 2 & 4, P. O. Box 1535  
Lusby, Maryland 20657-0073

Resident Inspector  
c/o U.S. Nuclear Regulatory Commission  
P. O. Box 437  
Lusby, Maryland 20657-0073

Bechtel Power Corporation  
ATTN: Mr. D. E. Stewart  
Calvert Cliffs Project Engineer  
15740 Shady Grove Road  
Gaithersburg, Maryland 20760

Combustion Engineering, Inc.  
ATTN: Mr. W. R. Horlacher, III  
Project Manager  
P. O. Box 500  
1000 Prospect Hill Road  
Windsor, Connecticut 06095-0500

Department of Natural Resources  
Energy Administration, Power Plant  
Siting Program  
ATTN: Mr. T. Magette  
Tawes State Office Building  
Annapolis, Maryland 21204

Mr. G. Carl Andognini  
Chief Executive Officer, Nuclear  
Sacramento Municipal Utility District  
14440 Twin Cities Road  
Herald, California 95638-9799

Rancho Seco Nuclear Generating  
Station

cc:

Mr. David S. Kaplan, Secretary  
and General Counsel  
Sacramento Municipal Utility  
District  
6201 S Street  
P. O. Box 15830  
Sacramento, California 95813

Mr. John Bartus  
Ms. JoAnne Scott  
Federal Energy Regulatory Commission  
825 North Capitol Street, N. E.  
Washington, D.C. 20426

Thomas A. Baxter, Esq.  
Shaw, Pittman, Potts & Trowbridge  
2300 N Street, N.W.  
Washington, D.C. 20037

Mr. Barclay S. Lew  
Pacific Gas and Electric Company  
77 Beale Street (333/A613)  
San Francisco, CA 94106

Mr. Steven Crunk  
Manager, Nuclear Licensing  
Sacramento Municipal Utility District  
Rancho Seco Nuclear Generating Station  
14440 Twin Cities Road  
Herald, California 95638-9799

Mr. Robert B. Borsum, Licensing Representative  
Babcock & Wilcox  
Nuclear Power Division  
1700 Rockville Pike - Suite 525  
Rockville, Maryland 20852

Resident Inspector/Rancho Seco  
c/o U. S. N. R. C.  
14440 Twin Cities Road  
Herald, California 95638

Regional Administrator, Region V  
U.S. Nuclear Regulatory Commission  
1450 Maria Lane, Suite 210  
Walnut Creek, California 94596

Mr. Jack McGurk, Acting Chief  
Radiological Health Branch  
State Department of Health Services  
714 P Street, Office Building #8  
Sacramento, California 95814

Sacramento County  
Board of Supervisors  
700 H Street, Suite 2450  
Sacramento, California 95814

Ms. Helen Hubbard  
P. O. Box 63  
Sunol, California 94586