

MAR 07 1984

Docket Nos.: 50-361  
and 50-362

MEMORANDUM FOR: George W. Knighton, Chief  
Licensing Branch No. 3  
Division of Licensing

FROM: Harry Rood, Project Manager  
Licensing Branch No. 3  
Division of Licensing

SUBJECT: FORTHCOMING MEETING WITH SOUTHERN CALIFORNIA EDISON  
COMPANY

DATE & TIME: Thursday, March 8, 1984  
9:00 am

LOCATION: Room P-118  
Phillips Building  
Bethesda, Maryland

PURPOSE: Discuss Turbine Missile Probabilities and Turbine Overspeed  
Protection Tech. Spec. - See attached Agenda

PARTICIPANTS: NRC Staff

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R. Lipinski  
B. D. Liaw  
J. Schiffgens  
H. Rood

SCE

F. Nandy  
P. Smith, et al.

**Original signed by:  
Harry Rood**

Harry Rood, Project Manager  
Licensing Branch No. 3  
Division of Licensing

Attachment:  
Agenda

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PDR ADDCK 05000361  
P PDR

*VR* cc: See next page

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DATE	3/15/84	3/15/84					

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Proposed Agenda for Meeting to Discuss Technical Specification  
3/4.3.4 -  
Turbine Overspeed Protection

Purpose: To discuss acceptability of a revised turbine missile analysis to support a relaxation of Specification 3/4.3.4.

Background: The requirement for this Specification is based on a non-peninsular turbine arrangement and a probability of greater than  $1 \times 10^{-7}$  events/year for turbine generated missiles penetrating safety related structures. SCE's current missile analysis calculates this probability to be less than  $1 \times 10^{-7}$  events/year. A confirmatory study done by the NRC staff calculates this probability to be greater than  $1 \times 10^{-7}$  and Specification 3/4.3.4 is required.

- Discussion:
- 1) Differences between NRC and SCE missile analysis (NDRC vs. BRL correlations for calculation of missile penetration probabilities).
  - 2) Conservatisms in current SCE analysis .
  - 3) EPRI tests and evaluations of missile penetration probability correlations.
  - 4) SCE proposal to redo turbine missile analysis using CEA-EDF and Chang-SAF correlations for missile penetration probabilities - Preliminary results.
  - 5) Discussion of staff acceptability of this approach to relax Specification 3/4.3.4.

MEETING NOTICE

Document File (50- 361/362) -  
NRC PDR  
Local TDR  
PRC System  
NSIC

LB#3 Reading  
Project Manager Harry Rood

J. Lee  
H. Denton/E. Case  
D. Eisenhut/R. Purple  
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A. Schwencer  
G. W. Knighton  
E. Adensam  
F. Miraglia  
E. Butcher  
D. Crutchfield  
C. Grimes, Acting  
G. Holohan  
C. Thomas  
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J. Miller  
J. Stolz  
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W. Johnston  
J. P. Knight  
R. Mattson  
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