



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS  
WASHINGTON, D. C. 20555

September 12, 1989

The Honorable Kenneth M. Carr  
Chairman  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

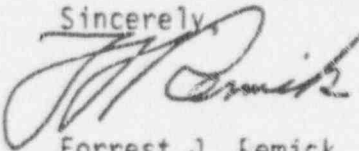
Dear Chairman Carr:

SUBJECT: PROPOSED RESOLUTION OF GENERIC ISSUE A-29, "NUCLEAR POWER  
PLANT DESIGN FOR REDUCTION OF VULNERABILITY TO INDUSTRIAL  
SABOTAGE"

During the 353rd meeting of the Advisory Committee on Reactor Safe-  
guards, September 7-9, 1989, we reviewed the NRC staff proposed resolu-  
tion of Generic Issue A-29, which deals with the threat to nuclear power  
plants from insider sabotage. We also had the benefit of the document  
referenced.

The NRC staff has concluded, based on a study of "safeguards" events  
over nearly a decade, that the insider sabotage threat is minimal, that  
no backfits are necessary, and that personnel controls and procedural  
constraints are adequate to control the threat. Of course, the fact  
that insider sabotage events are rare to nonexistent does not establish  
that that is due to the present precautions, nor does it preclude future  
growth of the threat, but it is consistent with the staff conclusion  
that there is no justification for action at this time. We, therefore,  
concur in the staff's resolution of this generic issue.

For future plants, the staff addresses design and procedural measures to  
reduce the likelihood of insider sabotage, but is nonspecific with  
respect to these measures. We would only caution that the obvious  
measures to improve security, such as access controls, separation of  
vital functions and controls, a two-man rule, etc., may also degrade the  
ability to respond in an emergency. Those opposing features will have  
to be balanced in the future, as the specifics take shape.

Sincerely  
  
Forrest J. Kemick  
Chairman

DFX2  
1/1  
RD-8  
Generic Item  
X RD-13

Reference:  
Memorandum dated June 26, 1989 from R. Wayne Houston, Office of Nuclear  
Regulatory Research, for Raymond Fraley, ACRS, Subject: Resolution of  
A-29 "Sabotage" transmitting NUREG-1000 "Technical Basis for  
Generic Safety Issue A-29, Nuclear Power Plant Design for Reduction of  
Vulnerability to Industrial Sabotage" (Predecisional).

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UNITED STATES  
 NUCLEAR REGULATORY COMMISSION  
 WASHINGTON, D. C. 20555  
 EDO Principal Correspondence Control

FROM:

DUE: 09/29/89

EDO CONTROL: 0004747  
 DOC DT: 09/12/89  
 FINAL REPLY:

Forrest J. Remick  
 ACRS

TO:

Chairman Carr

FOR SIGNATURE OF:

\*\* GRN \*\*

CRC NO: 89-1011

Executive Director

DESC:

ROUTING:

PROPOSED RESOLUTION OF GENERIC ISSUE A-29,  
 "NUCLEAR POWER PLANT DESIGN FOR REDUCTION OF  
 VULNERABILITY TO INDUSTRIAL SABOTAGE"

Taylor  
 Thompson  
 Blaha  
 Murley, NRR  
 Bernero, NMSS  
 Jordan, AEOD  
 Scinto, OGC  
 Central Files

DATE: 09/15/89

ASSIGNED TO:

CONTACT:

RES

Beckjord

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DFX  
 RD-8  
 GENERIC  
 ITEM  
 X RD-13

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CORRESPONDENCE CONTROL TICKET

PAPER NUMBER: CRC-89-1011 LOGGING DATE: Sep 14 89  
ACTION OFFICE: EDO  
AUTHOR: Forrest Remick  
AFFILIATION: ACRS (ADVISORY COMMITTEE ON REACTOR SAFEGUARDS)  
LETTER DATE: Sep 12 89 FILE CODE: O&M-7 ACRS  
SUBJECT: Proposed resolution of generic issue A-29, nuc  
power plant design for reduction of vulnerability  
to industrial sabotage  
ACTION: Appropriate  
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SPECIAL HANDLING: None  
NOTES:  
DATE DUE:  
SIGNATURE: DATE SIGNED:  
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Date 9-15-89

Time 11:00