

APR 5 1981

*For PDR
Code NRG NREP*

MEMORANDUM FOR: John Larkins, Chief
Program Coordination Branch, RES

THRU: Frank Rowsome, Deputy Director
Division of Systems & Reliability Research, RES

FROM: Joseph Murphy, Sr. Reactor Engineer
Division of Systems & Reliability Research, RES

SUBJECT: COMMENTS ON BREEN ARTICLE ON DEFENSE IN DEPTH FOR NUCLEAR SAFETY

We have reviewed the subject draft and find that it contains no major technical errors, although, not suprisingly, the NSAC view of priorities sometimes differs from that of NRC. There is one small mis-statement regarding IREP, however, (PNS 22(4) I C-7). The emphasis of the IREP studies will be on particular accident sequences, not on systems. In fact, individual system unavailabilities will not be quantified; the likelihood of individual accident sequences will be estimated, however. We have no other significant comments. It should be noted, however, that with the exception of the priority ranking of the Action Plan, this paper contains little that hasn't been said before, many times.

JS
Joseph Murphy, Sr. Reactor Engineer
Division of Systems & Reliability Research, RES

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SURNAME	JMurphy:NG	FRowsome				
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REMARKS

Please read this for me & determine if we - you or others - should provide comments on it to Larkin
 Thanks

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