



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

FEB 02 1988

R. Erritt

Reference (1099)

PDR: PER R. ERRIT

MEMORANDUM FOR: Bill M. Morris, Director
Division of Regulatory Applications

FROM: Brian W. Sheron, Director
Division of Reactor and Plant Systems

SUBJECT: **UPDATED GIMCS FOR GI I.D.5(5)**

In a memo to Themis Speis on December 21, 1987, I recommended and he concurred that Generic Issue I.D.5(5), "Disturbance Analysis Systems" should be assigned as a research issue rather than a medium priority generic safety issue. Therefore, I am requesting that you change the designation in NUREG-0933 and GIMCS. Enclosed is a suggested revision to NUREG-0933 to reflect this change. Since there is no other suitable tracking system, we wish to continue to track this issue in GIMCS. Enclosed is an updated GIMCS for this issue to replace the one provided with my January 22, 1988 memo.

Brian W. Sheron

Brian W. Sheron, Director
Division of Reactor and Plant Systems

150042

9704150145 880202
PDR NUREG
0933 C PDR

Add: R. Erritt, Res

CF Subj Res

DFB

Item I.D.5(5) Disturbance Analysis Systems

Conclusion

The calculated value/impact score barely indicates a medium priority and is based only on judgments that such a system would reduce operator errors by 2% and the number of transients by about a factor of two. Although such a system might also decrease plant shutdowns and thereby increase the cost-effectiveness, this economic benefit should not be a reason for requiring the installation of such systems. The value of the assumed safety benefit is too uncertain to justify requiring such systems. More research as to the effect that disturbance analysis systems might have on operator performance is needed to determine whether a safety issue exists. Therefore, this issue is a Licensing Issue.