



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555

January 21, 1988

OFFICE OF THE
COMMISSIONER

MEMORANDUM FOR: Victor Stello, Jr.
Executive Director for Operations

FROM: Kenneth C. Rogers

SUBJECT: MAINTENANCE PERFORMANCE INDICATORS

Your memorandum of January 11 to the Chairman on this subject mentions the possible classification of Licensee Event Reports by causes which are maintenance-related. If I understand correctly, the SALP reports provide a historical recap of maintenance-related LERs by the six cause codes.

I believe it is important to focus on indicators which highlight licensee management attention to maintenance rather than either on subjective evaluations of the effect of poor maintenance on plant performance or on maintenance effectiveness as reflected in plant performance. Some of the INPO/NUMARC-developed maintenance indicators, such as number of priority maintenance work requests to total work requests processed per month, total maintenance backlog to total work requests, and inoperable equipment for maintenance-related causes are relatively straightforward examples of the kind of thing I have in mind and believe would be useful.

More sophisticated cause and effect relationships between maintenance and plant performance can be established as more experience is gained with improving maintenance practices in general. I believe, however, that some relatively simple measures such as those proposed in the NIMARC Guidelines may enable us to get started and serve as a yardstick for interim licensee performance evaluations in this important area.

Kenneth C. Rogers
Commissioner

cc: Chairman Zech
Commissioner Roberts
Commissioner Bernthal
Commissioner Carr
SECY
ACRS

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Date 1-22-88

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