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U.S. NUCLEAR REG. COMM.  
ADVISORY COMMITTEE ON  
REACTOR SAFEGUARDS

Mr. Elpidio Igne  
Staff Engineer  
Advisory Committee on Reactor Safeguards  
Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear El:

Here are some comments on the April 22-23 meeting of the Subcommittee on Concrete and Concrete Structures.

1. Responsibility for research. (This was covered during the meeting and I would only support what was said there.) Industry should be responsible for certain kinds of research while the NRC might well supplement that effort by taking responsibility for research related to its own mission. At present there seems to be no policy or understanding as to who does what. The NRC should not become a nuclear NSF. The nuclear power industry has plenty of funds and this is not a situation where Government support means the difference between doing something and not doing it. Should not the Commission, with advice from some group like the ACRS, establish criteria for research support by the NRC?

2. In connection with the suggestion (made during the meeting) for verification of computer codes for structural response by comparison with shaker tests on reactors, it may well be that the greatest uncertainty in response prediction arises during the mathematical modelling stage. For example, I should like to know whether comparisons have ever been made of the mathematical models obtained by different individuals confronted with the same structure.

With best regards,

*Merit White*

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M.P. WHITE

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