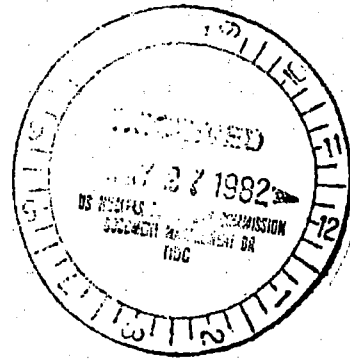


MAY 21 1982



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50-499

MEMORANDUM FOR: Walter P. Haass, Chief
Quality Assurance Branch
Division of Engineering

FROM: Franz P. Schauer, Chief
Structural Engineering Branch
Division of Engineering

SUBJECT: REGULATORY GUIDE CLARIFICATION FOR THE SOUTH TEXAS PROJECT

In response to your memorandum on the above subject dated May 4, 1982, we have reviewed the applicant's commitment about testing frequency of cadwelds and test sampling of pumped concrete with regard to requirements of Regulatory Guide 1.94 REV. 1.

For the testing frequency of cadwelds, the applicant does meet the requirements of R.G. 1.94 REV. 1, therefore it is acceptable to the staff.

With regard to the test sampling of pumped concrete, the applicant is taking an exception from the applicable provisions of R.G. 1.94 REV. 1 which endorses those of the ANSI N.45.2.5-1974. Section 4.8 of ANSI N.45.2.5-1974 states that test samples for pumped concrete must be taken from the pump line discharge. The applicant is proposing that the samples be taken from delivery point and sufficient number of correlation tests be performed for the concrete at the placement point to verify the properties of concrete with the samples taken at delivery point. Corrective actions will then be taken if discrepancy is found for the subsequent loads awaiting discharge into the pump. This alternative method of sampling is endorsed in ANSI N.45.2.5-1978.

The applicant's proposed sampling method meets the intent of the requirements of Regulatory Guide 1.94 REV. 1 for the quality assurance program. Therefore, it is acceptable.

Original signed by

Franz P. Schauer, Chief
Structural Engineering Branch
Division of Engineering

cc: J. Knight
D. Jeng
K. Shaukat

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DATE	5/22/82	5/20/82	5/11/82				