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SCHWENCER,A. Licensing Branch 2

SUBJECT: Advises that review of 89 supports designated as Category III has been completed.Summary & conclusions presented in TR-5599-4,addendum to final rept IDR-SSES,dtd 821027 remain unchanged.

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November 10, 1982
5599-21

Mr. A. Schwencer, Chief
Licensing Branch No. 2
U.S. Nuclear Regulatory Commission
7920 Norfolk Avenue
Bethesda, Maryland 20014

Subject: Review of Category III Supports

Reference: TES Technical Report TR-5599-4, Addendum to Final Report, IDR-SSES, dated October 27, 1982

Teledyne Engineering Services (TES) has completed the review of the 89 supports designated as Category III. Our review of all Category III supports does not change our summary and conclusions as stated in the above-referenced report, where TES states on page 6 (item 3):

> "All supports other than anchors have been demonstrated to be adequate by the PP&L review and the Bechtel responses, including reanalysis. TES has sufficient evidence to remove these from further consideration."

For supports other than anchors, TES found one support, a strut, which did not meet the original design criteria based on the reconciliation program ("As-Builts" versus "As-Designed").

TES has reviewed in depth the calculations as submitted and has performed additional calculations which can be considered as common design practice (not state-of-the-art). Based on the TES calculations and Bechtel re-calculations, this support does meet the original design criteria. TES feels that the present loads and the anchor bolt allowables are still conservative.

TES feels that this support is an isolated case based on the Independent Design Review and subsequent support sampling performed.

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If you have any questions, please contact the writer or Mr. James A. Flaherty, Manager, Engineering Design and Testing.

Very truly yours,

TELEDYNE ENGINEERING SERVICES

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