

Lawrence Livermore National Laboratory

October 30, 1981
SM 81-290

Mr. William T. Russell, Branch Chief
Systematic Evaluation Program Branch
Division of Licensing
Office of Nuclear Reactor Reg.
Washington, D.C. 20555

Dear Bill:

I have enclosed a progress report on open items for Ginna. Of the portion assigned to SMA, Newport Beach, the CRD support has been completed and the one remaining item is the primary coolant pump casing. The report on this item will be forwarded when it becomes available.

Sincerely,

Thomas A. Nelson

Thomas A. Nelson
Project Manager
Structural Mechanics Group
Nuclear Test Engineering Division

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Enclosure

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STRUCTURAL
MECHANICS
ASSOCIATES
A Calif. Corp.

SMA 12205.20

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October 15, 1981

Mr. Thomas A. Nelson (L-90)
Nuclear Test Engineering Division
Lawrence Livermore National Laboratory
P.O. Box 808
Livermore, California 94550

Subject: Resolution of Open Items on Ginna Equipment

References: 1) SMA Letter, R. Campbell (SMA) to T. A. Nelson (LLNL)
27 August, 1981.
2) RGE CRDM Seismic Analysis, Westinghouse PWR
Systems Division, May 22, 1979.

Dear Tom:

The reference letter summarized the status of open items for Ginna NSSS equipment. At that time we were waiting further documentation on the control rod drives, control rod drive support structure and for the primary coolant pump casing at nozzle penetrations.

We received a Westinghouse analysis of the CRD housing, Ref. 2, for a 0.8g static coefficient and verified that the loadings used in the CRD housing seismic support analysis are correct and that stresses are within acceptable levels. Therefore, the only remaining item is the primary coolant pump casing at nozzle penetrations. In our last conversation with Westinghouse, they were comparing the Ginna pump casing and nozzle loading to the San Onofre units for which a detailed finite element stress analysis has been conducted. That comparison will be reviewed when received.

Very truly yours,

STRUCTURAL MECHANICS ASSOCIATES, INC.

Robert D. Campbell
Project Manager

RDC:mw