

Bechtel Power Corporation

Engineers—Constructors

15740 Shady Grove Road
Gaithersburg, Maryland 20760
301-948-2700



June 6, 1979

Mr. Olan D. Parr, Chief
Light Water Reactors Branch No. 5
Division of Project Management
Nuclear Regulatory Commission
Washington, D.C. 20555

Computer Code Verification Information - Wolf Creek Base Mat Reanalysis

File: 258/278.4

- Ref: 1. Report - Reanalysis of the Wolf Creek Reactor Building Base Mat, Bechtel Power Corporation, Gaithersburg, Maryland, 5/9/79
2. Standardized Nuclear Unit Power Plant System (SNUPPS) Preliminary Safety Analysis Report, Docket No. STN 50-482
3. BC-TOP-5a Prestressed Concrete Nuclear Reactor Containment Structures, February, 1975, Bechtel Power Corporation, San Francisco, California
4. KG&E Letter to NRC Dated 6/6/79 (G. L. Koester to O. D. Parr)

Dear Mr. Parr:

During the review process of the Wolf Creek Base Mat Reanalysis (Reference 1) the Commission requested information on the verification of computer codes used in the reanalysis that were neither referenced in the SNUPPS PSAR (Reference 2) or in BC-TOP-5a (Reference 3).

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Bechtel Power Corporation

Mr. G. D. Parr

-2-

June 6, 1979

The following documents are submitted to satisfy that request:

A. BSAP Computer Program

1. Bechtel Structural Analysis Program (BSAP) Verification Report
2. Bechtel Structural Analysis Program (BSAP) Theoretical Manual, Volumes 1 and 2.
3. Bechtel Structural Analysis Program (BSAP) User's Manual

B. Miscellaneous Project Developed Programs

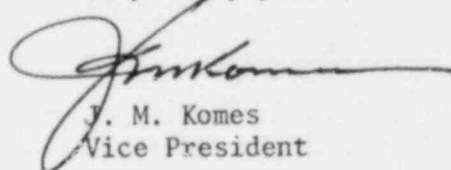
(These programs were used to convert the output from the BSAP program to reinforcing steel and concrete stresses, and to identify shear tie requirements in the base slab.)

1. Calculation No. 01-42.01WC-F-Post Processing Programs
2. Calculation No. 01-42.02WC-F-Time Share Post Processing Programs
3. Calculation No. 01-42.03WC-F-Steel, Concrete and Required Shear Ties.

In accordance with 10CFR2.790(a)(4) and 10CFR2.790(b)(1) we request that this information be maintained as proprietary to the Bechtel Power Corporation. The basis for this request is that these specific programs and associated documentation were developed by the Bechtel Power Corporation solely for its use on Bechtel projects. Thousands of Bechtel manhours were expended in this development effort. The documents represent a substantial investment in valuable tools used by the corporation to maintain its competitive position in an area of one of its major endeavors. Bechtel considers these materials to be trade secrets as is true with all Bechtel-developed computer program materials.

In addition to the above request, we ask to be immediately notified of requests by third parties for all or any portion of the materials which are hereby submitted. Further, these materials are submitted upon the condition that the NRC determine them to be "proprietary" and not subject to disclosure within the meaning of 10CFR2.790.

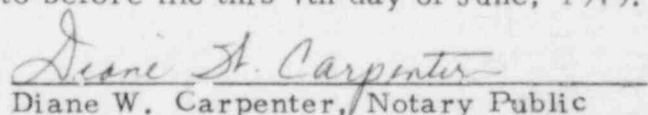
Very truly yours,


J. M. Komes
Vice President

EWT/caif

Sworn to before me this 7th day of June, 1979.

cc: G. Koester, w/o
N. A. Petrick, w/o


Diane W. Carpenter, Notary Public

Enclosures

My commission expires July 1, 1980.