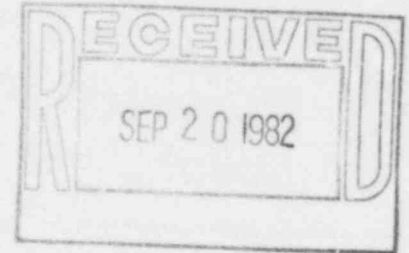# Babcock & Wilcox

a McDermott company

Nuclear Power Generation Division

3315 Old Forest Road
P.O. Box 1260
Lynchburg, Virginia 24505
(804) 384-5111

September 1, 1982

Mr. Uldis Potapovs, Chief
Vendor Program Branch
U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region IV
611 Ryan Plaza Drive Suite 1000
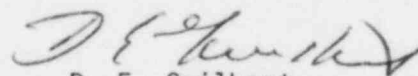Arlington, Texas   76011

Dear Mr. Potapovs:

The following clarification is provided in response to your letter of August 11, 1982. As stated, it is our intention that old calculations with new effectivities (old calculations released "as is" after September 1, 1980 on current contracts) will have their input references verified. Also, when a revision is made to an old calculation, it is our intention that all input references in the revision would be verified. In order to further clarify our position, the attachment specifically defines our program for new and old calculations and revisions to calculations.

NPGD believes that the attached clarification meets the NRC objective stated at the June 3, 1982 meeting of providing a crisp definition for auditing purposes of which calculations would be in full compliance with NPG-0402-01 "Preparing and Processing NPGD Calculations."

We would appreciate your confirmation as early as is convenient.

Very truly yours,

D. E. Guilbert
Vice President
Nuclear Power Generation Division

DEG:ddb
Attachment
cc: D. H. Roy
     E. L. Davis
     C. A. Armontrout
     W. A. Cobb
     A. H. Lazar
     G. D. Quale
     R. H. Gilley

ATTACHMENT

It is B&W's intention that all calculations released after September 1, 1980, will have their design inputs referenced to the source in accordance with NPG-0402-01. Calculations released after September 1, 1980, will fall into one of the five following categories:

1. Preparation and release of a new calculation.

   New calculations will have revision level 00 and all design inputs will be referenced to the source in accordance with NPG-0402-01. It will be verified that each design input comes from the source document referenced. Design inputs in the document being referenced will not be reviewed as part of this verification.

2. Complete revision of a previously prepared calculation and release of that revision.

   A complete revision of a calculation (revision level 01 or higher) will have all design inputs referenced to their source, just as in the case of a new calculation (case 1 above). Prior revisions of the calculation remain as is and would not be reviewed for source references.

3. Partial revision of a previously prepared calculation and release of that revision.

   NPG-0402-01 also allows partial revision of calculations such that the revision includes only those pages which are added to or which replace pages in the previous version of the calculation. (Reference to the prior versions which, taken with the new partial revision, form the complete calculation, and information as to whether the partial revision supplements or replaces information in the prior versions, are included in the partial revision.) B&W intends that all design inputs in the partial revision prepared and released after September 1, 1980, will be referenced to their source in accordance with NPG-0402-01. B&W would not review the original calculation (Rev. 00) or prior revisions for source references.

4. Release of previously prepared calculation (either original calculation - Rev. 00 - or a complete revision) to a new effectivity.

   When an original calculation or complete revision prepared prior to September 1, 1980, is released to a new effectivity after September 1, 1980, all inputs will be referenced to their source in accordance with NPG-0402-01. This is to say that newly released old calculations will be treated just like new calculations (case 1 above) or complete revisions (case 2 above).

5. Release of a previously prepared partial revision of a calculation to a new effectivity.

   When a partial revision prepared prior to September 1, 1980, is released to a new effectivity after September 1, 1980, all inputs in the partial revision will be referenced to their source. B&W would not review the original calculation (Rev. 00) or prior revisions for source references unless these were also being released to the new effectivity.