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November 10, 1984

Mr. S. E. Moore
Oak Ridge National Laboratory
P.O. Box Y
Oak Ridge, TN 37830

Subject: Vogtle, Design Documents Audit, Meeting with
Applicant, Westinghouse, Bechtel, Plant Site,
11/8, 9/84

Dear Sam:

Enclosed is a list of documents which we requested be sent to us for our review.

Westinghouse and Bechtel agreed to provide all these documents, except for my numbers 2 and 18.

My number 2 is, at least at quick glance, a routine report (seismic analysis) on the RHR Pump and Motor. I hope Westinghouse will send us a copy.

My number 18 is a "Calculation Package"; whereas the Code requires a "Stress Report", which Westinghouse has not completed and would not commit to a completion date. They offered to let us review it at their offices in Pittsburgh. I would be willing to do so and would prefer to do so rather than just leave this portion of our audit as an open item.

Yours very truly,

Everett

E. C. Rodabaugh

ECR/mr

Enclosure

cc: Dave Terao

Melanie Miller

8412050292 841110
PDR ADDCK 05000424
A PDR

DESIGNATED ORIGINAL

Certified By

Melanie A. Miller

Vogtle, Design Documents Audit

List of Documents Reviewed at Meeting at Vogtle Site, 11/8, 9/74

Doc No.	Source	Item	Documents
1	Westinghouse	Pump, RHR	Spec. 678815, 11/12/71, Rev. 2, 9/6/73 Interim Change No. 1, 8/12/76 " " " 2, 3/26/76 Addendum GAE/GBE 952488, 3/14/74, Rev. 0 "Class 2 Pumps - Based on ASME Boiler and Pressure Vessel Code, Section III - Rules for Construction of Nuclear Power Plant Components" And Motor Spec., 677474 and 652345
2	"	"	ME-174, "Structural Integrity and Operability Analysis of RHR Pump"
3	"	"	M 010201, Rev. 1, 3/26/84, "Seismic Analysis Report for GAE/GBE-DCP/DBP RHR Pump Motor"
4	"	"	Sheet from documentation package that gives specific verification (witness) of hydrotest of pump.
5	Westinghouse	Valve, RHR, 12" Junction	Spec. G-678852, 11/11/71, Rev. 2, 3/14/77, "Motor Operated Valves, ASME Code and Pressure Vessel Code, Section I, Class 1, 2 and 3" Interim Revision 1, 1/8/81
6	"	"	Spec. 652172, 1/14/73, Rev. 3, 9/16/78 (Plant specific, same title as G-678852)
7	"	"	Spec. Sheet for specific valve, 12-GM88SEH, 8/11/72

ECR No.	Source	Item	Documents
8	Westinghouse	Valve, RHR, 12" Suction	Stress Report 5405, Rev. 1, May 5, 1980, Vol. 1 & 2 "Westinghouse Electro-Mechanical Division Class 1 Nuclear Valves, 6-inch and Larger Gate Valves"
9	"	"	Outline Drawing, 8378D65, Rev. 3
10	"	"	Working for valve operability qualification (as it will become applicable to Vogtle)
11	Westinghouse	Piping, Pressurizer Surge Line	Spec. G-677458, 11/24/70, Rev. 4, 6/20/78 "Piping Design Specification, AAS Safety Class 1 with Interim Revision 1, 2/2/79"
12	"	"	Plant Specific Spec. 955211, 3/12/81, Rev. 1, 2/15/84
13	"	"	Spec. 551.3 F (Transients)
14	"	"	G 678843, Rev. 3, 6/24/73; "Reactor Coolant Piping Shop Fabrication, AAS Section III Class 1, Safety Class 1, with attachments"
15	"	"	Plant Specific Spec. 679196
16	"	"	Spec. X4A201, "Plant Design and Installation Construction Specification for the Georgia Power Company, Atomic W. Vogtle Nuclear Plant, Burke County Georgia, Units 1 and 2 and Common (Portions applicable to Piping)"
17	"	"	Spec. X4A206, "Nuclear Steam Supply System Installation Construction Specification for the same (as for X4A201)"
18	"	"	Calculation Package for the Pressurizer Surge Line Piping System

ECF No.	Source	Item	Documents
19	Bechtel	Pump, AFW, Turbine Drive	Spec. X4AF03, Rev. 8, 10/30/84, "Auxiliary Feedwater Pumps and Drivers for the Georgia Power Company, Alvin W. Vogtle Nuclear Power Plant, Burke County, Georgia"
20	"	"	X4P005, Rev. 4, 10/4/84, "ASME Design Specification Matrix for Components, Parts, Appurtenances and Piping Systems"
21	"	"	AX4DR006, "ASME Code Responsibility Matrix"
22	"	"	Seismic Analysis AFW Pump, by Vendor (Preliminary?)
23	"	"	X4AF03-2-0, Turbine Allowable Nozzle Loads
24	"	"	Code Certification, 1X4AF03-243-1
25	Bechtel	Valve, in Steam Line to AFW Pump Turbine	Spec. X4AR01, "Nuclear Services Valves, 2-1/2 inches and Larger, for the Georgia Power Co., Alvin W. Vogtle Nuclear Plant, Burke County, Georgia, Units 1, 2 and Common" With Attachments
26	"	"	Valve Drawing 1X4A-R01-320(1)-2
27	Bechtel	Piping, steam line to AFW Pump Turbine	Spec. XP1301, "The Piping of Main Steam Systems, System 1301, for the Georgia Power Company, Alvin W. Vogtle Nuclear Units 1 and 2, Burke County, Georgia. With all references (except: X4AQ17 and only P3 of X4AB01) as applicable to the steam line to the AFW Pump Turbine

EEC No.	Source	Item	Documents
28	Bechtel	Piping, steam line to AFW Pump Turbine	Copy of Purchase order for an elbow and a tee used in the steam line
29	"	"	Calculation to show that branch connection of 4" steam to main steam meets pressure design requirements of NG/ND-3640
30	"	"	Calculation Packages (1) That portion of line at the main steam end (2) That portion of line at the turbine
31	"	"	Define k-factors used in evaluations and provide sufficient information so that a backcheck of g-factors used in Calculation Packages can be made.
32	Bechtel	Supports	Design Spec. X4P0001, Rev. 4, 6/25/84, "Nuclear Service Pipe Supports", with all references
33	"	"	Design Spec. X4P0004, Rev. 2, 6/6/84, "Studs and Anchor Bolts", with all references
34	"	"	Drawings and "Miscellaneous Steel Calculations": V1-1201-053-H001 Pressurizer Surge, Snubber V1-1201-053-H002 " " " , Rigid V1-1301-012-H017 Steam to AFMP-Turb., Snubber V1-1301-010-H042 " " " " , Rigid
35	"	"	Relevant Portions of Vendor Data Sheets for above 4 supports