TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

July 20, 1983

Chief, Management Information Branch
Office of Management and Program Analysis
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Sir:

WATTS BAR AND BELLEFONTE NUCLEAR PLANTS - CONSTRUCTION STATUS REPORT (NUREG-0030) (YELLOW BOOK)

Enclosed are our construction status reports for Tennessee Valley Authority's nuclear plants under construction. Entries on the sheets reflect the status as of June 30, 1983.

Watts Bar Units 1 and 2--The fuel load dates are as follows:

Unit 1 - January 1984
Unit 2 - January 1985

Bellefonte Units 1 and 2--The fuel load dates are as follows:

Unit 1 - May 1985
Unit 2 - May 1986

Very truly yours,

TENNESSEE VALLEY AUTHORITY

D S Kemmer

for L. M. Mills, Manager
Nuclear Licensing

Enclosures
cc: U.S. Nuclear Regulatory Commission (Enclosures)
Region II
Attn: James P. O'Reilly, Regional Administrator
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

8504150030 840606
PDR FOIA
KILLEFE84-367 PDR

PLANT CHARACTERISTICS:

DOCKET NO:	05000438
CP NO. & DATE ISSUED:	CPR-122 / 12-24-74
CP EXPIRATION DATE:	03-01-83
APPLICANT:	TENNESSEE VALLEY AUTHORITY
PLANT LOCATION:	JACKSON COUNTY, ALABAMA
IE REGION:	II
AE:	TVA
NSSS:	BABCOCK & WILCOX
CONSTRUCTOR:	TVA
REACTOR TYPE:	PWR
DER (MWE):	1235

KEY PERSONNEL:

CORPORATE CONTACT :	H. G. PARRIS, MANAGER OF POWER
CORPORATE ADDRESS :	500A CHESTNUT STREET TOWER II CHATTANOOGA, TENNESSEE 37401
CORPORATE PHONE NO :	(615) 751-2823
NRC LPM :	R. Herman
IE PRINCIPAL INSPECTOR:	
-CONSTRUCTION:	P. FREDRICKSON
-TEST AND STARTUP:	
IE RESIDENT INSPECTOR :	J. D. WILCOX

INSPECTION STATUS:

TIME PERIOD		
REPORT NUMBER	BEG DATE OF INSP.	END DATE OF INSP.
83-01	01-11-83	01-14-83
83-02	01-01-83	01-31-83
83-03	02-07-83	02-18-83
83-04	02-07-83	02-18-83
83-05	02-14-83	02-18-83
83-07	03-07-83	03-11-83
83-08	02-01-83	02-28-83
83-10	04-19-83	04-22-83
83-11	04-25-83	04-29-83

FUEL LOAD DATE CHANGES AS REPORTED BY UTILITY:

REPORT DATE	NEW SCHEDULE	REASON FOR CHANGE REPORTED BY UTILITY
04-11-75	12-00-79	NO REASON NOTED.
09-06-78	03-00-81	NO REASON NOTED.
08-16-79	09-00-82	NO REASON NOTED.
09-10-80	03-00-83	NO REASON NOTED.
12-01-81	09-00-83	NO REASON NOTED.
06-30-82	05-00-85	NO REASON NOTED.

LOCAL PUBLIC DOCUMENT ROOM:

SCOTTSBORO PUBLIC LIBRARY
1002 SOUTH BROAD STREET
SCOTTSBORO, ALABAMA 35768

CONSTRUCTION STATUS:

APPLICANT'S CURRENT ESTIMATED FUEL LOADING DATE : 05-00-85
APPLICANT'S PREVIOUS ESTIMATED FUEL LOADING DATE : 05-00-85
APPLICANT'S ESTIMATED FUEL LOADING DATE AT CP ISSUANCE : 06-00-79
APPLICANT'S CURRENT ESTIMATED COMMERCIAL OPERATION DATE: 11-00-85

APPLICANT'S CONSTRUCTION COMPLETION ESTIMATE AS DEFINED IN CP: (EARLIEST) - 06-01-79
(LATEST) - 12-01-79

DATE CONSTRUCTION STARTED: 09-18-74

CURRENT ESTIMATED PERCENT CONSTRUCTION COMPLETE: 63%

CURRENT ESTIMATED CONSTRUCTION DURATION IN MONTHS: 128

COMMENTS REGARDING CURRENT CONSTRUCTION STATUS:

	ESTIMATED START	ACTUAL START	ESTIMATED COMPLETION	ACTUAL COMPLETION	ESTIMATED % COMPLETION
MOBILIZE AND PREPARE SITE:		09-00-74		07-00-75	100 %
PLACE STRUCTURAL CONCRETE:		06-00-75		10-00-75	100 %
INSTALL REACTOR PRESSURE VESSEL:		08-00-76		11-00-76	100 %
INSTALL LARGE BORE PROCESS PIPE:		10-00-75	07-00-84		97 %
INSTALL LARGE BORE PIPE HANGERS, RESTRAINTS, AND SNUBBERS:		05-00-77	07-00-84		86 %
INSTALL SMALL BORE PIPE:		01-00-76	07-00-84		92 %
INSTALL CABLE TRAY:		02-00-77	07-00-83		99 %
INSTALL EXPOSED METAL CONDUIT:		04-00-75	03-00-84		88 %
INSTALL POWER, CONTROL, INSTRUMENTATION, AND SECURITY CABLE:		11-00-77	08-00-84		80 %
INSTALL ELECTRICAL TERMINATIONS:		03-00-78	08-00-84		77 %
CONDUCT REACTOR COLD HYDROSTATIC TEST:	03-00-84		06-00-84		0 %
CONDUCT HOT FUNCTIONAL TEST:	06-00-84		12-00-84		0 %
CONDUCT PREOP AND ACCEPTANCE TESTS NECESSARY FOR FUEL LOAD:		01-00-82	05-00-85		4 %

PLANT CHARACTERISTICS:

DOCKET NO:	05000439
CP NO. & DATE ISSUED:	CPR-123 / 12-24-74
CP EXPIRATION DATE:	12-01-83
APPLICANT:	TENNESSEE VALLEY AUTHORITY
PLANT LOCATION:	JACKSON COUNTY, ALABAMA
IE REGION:	II
AE:	TVA
NSSS:	BABCOCK & WILCOX
CONSTRUCTOR:	TVA
REACTOR TYPE:	PWR
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KEY PERSONNEL:

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CORPORATE PHONE NO :	(615) 751-2823
NRC LPM :	R. HERMAN
IE PRINCIPAL INSPECTOR:	
-CONSTRUCTION:	P. FREDRICKSON
-TEST AND STARTUP:	
IE RESIDENT INSPECTOR :	J. D. WILCOX

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09-06-78	03-00-81	NO REASON NOTED.
08-16-79	09-00-82	NO REASON NOTED.
09-10-80	09-00-84	NO REASON NOTED.
06-30-82	05-00-86	NO REASON NOTED.

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SCOTTSBORO, ALABAMA 35768

CONSTRUCTION STATUS:

APPLICANT'S CURRENT ESTIMATED FUEL LOADING DATE : 05-00-86
APPLICANT'S PREVIOUS ESTIMATED FUEL LOADING DATE : 05-00-86
APPLICANT'S ESTIMATED FUEL LOADING DATE AT CP ISSUANCE : 03-00-80
APPLICANT'S CURRENT ESTIMATED COMMERCIAL OPERATION DATE: 11-00-86

APPLICANT'S CONSTRUCTION COMPLETION ESTIMATE AS DEFINED IN CP: (EARLIEST) - 03-01-80
(LATEST) - 09-01-80

DATE CONSTRUCTION STARTED: 09-18-74

CURRENT ESTIMATED PERCENT CONSTRUCTION COMPLETE: 63%

CURRENT ESTIMATED CONSTRUCTION DURATION IN MONTHS: 140

COMMENTS REGARDING CURRENT CONSTRUCTION STATUS:

	ESTIMATED START	ACTUAL START	ESTIMATED COMPLETION	ACTUAL COMPLETION	ESTIMATED % COMPLETION
MOBILIZE AND PREPARE SITE:		09-00-74		07-00-75	100 %
PLACE STRUCTURAL CONCRETE:		06-00-75	07-00-83		97 %
INSTALL REACTOR PRESSURE VESSEL:		02-00-77		02-00-77	100 %
INSTALL LARGE BORE PROCESS PIPE:		10-00-75	08-00-85		73 %
INSTALL LARGE BORE PIPE HANGERS, RESTRAINTS, AND SNUBBERS:		07-00-78	08-00-85		50 %
INSTALL SMALL BORE PIPE:		09-00-77	08-00-85		52 %
INSTALL CABLE TRAY:		05-00-77	09-00-83		95 %
INSTALL EXPOSED METAL CONDUIT:		10-00-75	03-00-85		57 %
INSTALL POWER, CONTROL, INSTRUMENTATION, AND SECURITY CABLE:		03-00-78	09-00-85		61 %
INSTALL ELECTRICAL TERMINATIONS:		04-00-78	09-00-85		53 %
CONDUCT REACTOR COLD HYDROSTATIC TEST:	07-00 85		07-00-85		0 %
CONDUCT HOT FUNCTIONAL TEST:	09-00-85		12-00-85		0 %
CONDUCT PREOP AND ACCEPTANCE TESTS NECESSARY FOR FUEL LOAD:	04-00-84		05-00-86		0 %