TRANSFERS REQUIRED TO SUPPORT HFT

Issue [illegible] February 28, 1982

Transfer Number X-90(4)

Total Punchlist *Hours

Comments: Various broken items on radiation monitor cabinets, most can be repaired with material on site. These items were damages during CONST activities. Need 2 IOS 3.11 Bs test from IQC. Received 6 IOSs on 01/24.

	Description	M/H	Completion Date
Open IRNs			
PKG Additions and "F" Attachments			

	Description	M/H	Completion Date
Open Work Releases			
Open CONST Packages	I090G03 compt assemb TVA-31C(I)		
	I090G04 hydroSpneu test (H)		

Issue Date February 28, 1983

TRANSFERS REQUIRED TO SUPPORT HFT

Transfer Number X-92(1), Neutron Monitoring, W-9.1(1)(2) Transfer Date April 15, 1983

Lead CONST Engr/Insp B. Forsten Design Engineer _____ Responsible Craft Supervisor Nabors/Gann

	MEU	REU	WEU	IEU	EEU	CEU	HQC	HQC	WQC	IQC	EQC	CQC	NUC PR
Punchlist # Items				13							389		14
Eng Duration (Days) after 1-15-83													104
Eng Man-hours				104									

Long Path: Date:
Total Engr Man-hours:

	ELEC	SF	HF	IF	IE	CARP	ON	CM	LBR	OP	PA	SM	CM	RM
Duration (Day)/after 1-15-83														
Craft Man-hours														

Long Path: Craft:
Total Craft Man-hours:

Comments: Punchlist issued 02/18/83.

	Description	Completion Date		Description	Completion Date
Material Restraints	393		EN DES Restraints		
Action Items			Open NCRs	3836R, R3	
Open ECNs					

X921E

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 198[illegible]

Transfer Number X-92(1)

Total Punchlist *Hours

Comments:

	Description	M/H	Completion Date		Description	M/H	Completion Date
				Open Work Releases			
Open IR's				Open CONST Packages	Walkdown X092(01)W-9.1		
					E092A05 PC&Term&equip W-9.1		
					E092A03 PC&Term W-9.1 RB1		
					E092A01 conduit W-9.1 RB1		
					MR cable-NIS-UTU		
					EEU [illegible]kout W9.1		
					Cal [illegible]nstr & lps W9.1		
PKG Additions and "F" Attachments							

TRANSFERS REQUIRED TO SUPPORT HPT

Issue Date February 28, 1983

Transfer Number X-94(1), Incore Flux Detection, W-9.2 Transfer Date May 23, 1983

Lead CONST Engr/Insp F. Austin Design Engineer Responsible Craft Supervisor Nabors/Ganu

	MEU	HEU	WEU	IEU	EEU	CEU	MQC	HQC	WQC	IQC	EQC	CQC	NUC PR			
Punchlist * Items															Long Path:	Unit:
Eng Duration (Days) after 1-15-83:															Total Engr Man-hours:	
Eng Man-hours																

	ELEC	SF	HF	IF	IE	CAR	MW	IW	LBR	OP	PA	SM	CM	BM		
Duration (Days)/after 1-15-83:															Long Path:	Craft:
Craft Man-hours															Total Craft Man-hours:	

Comments: Punchlist not issued.

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 1983

Transfer Number X-21[illegible]

Total Punchlist *Hours

Comments:

	Description	M/H	Completion Date		Description	M/H	Completion Date
				Open Work Releases			
Open ISNs							
				Open CONST Packages	ECN3409 Wk pkg C193173 1		
					I09?A01 reweld supports W9.2		
					Cal instr & lps X94(1) W-9.2		
PKG Additions and "F" Attachments							

TRANSFERS REQUIRED TO SUPPORT PFT

Issue Date February 28, 1983

Transfer Number X-200(1) Remaining 161/6.9 Comm. PWR, NA Transfer Date April 11, 1983 *

Lead CONST Engr/Insp E. Aust'n Design Engineer _____ Responsible Craft Supervisor Nabors/Gann

		MEU	HEU	WEU	IEU	EEU	CEU	MQC	HQC	WQC	IQC	EQC	CQC	NUC PR		
Punchlist * Items						11						11				
Eng Duration (Days)/aft	1-15-83:					35									Long Path: ECN 2786	Unit:EEU
Eng Man-hours						740									Total Engr Man-hours:	740

		ELEC	SF	HF	IF	IE	CARP	MW	IW	LBR	OP	PA	SM	CM	BM		
Duration (Days)/aft	2-14-83:	30:														Long Path: 30 days	Craft: EL
Craft Man-hours		11402:				-10										Total Craft Man-hours:	11402

Comments: Problem exists in routing of 6.9KV cables from tray to 6.9KV shdn BDs. EN DES checking on sealing bushing to install at boards.

	Description	Completion Date
Material Restraints	478 flex connectors	not avail
Action Items	623	not avail
Open ECNs	2736	02/01/83

	Description	Completion Date
EN DES Restraints	Anchor supports for 6.9 KV switchgear foundations (will issue sketch for suggestion to A Lambert for possible FCR to resolve foundation problem.	
Open NCRs	4581	

X2001E

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 1983

Transfer Number X-200(1)

Total Punchlist *Hours

Comments:

	Description	M/H	Completion Date
Open I Ds			
	E211A08 R7	16	
PEC Additions and "F" Attachments			

	Description	M/H	Completion Date
Open Work Releases			
Open CONST Packages	MR ground sensor trnsformr		
	ECN2786 add cost C&D 51 1		
	C199L11 excav&bfill bases		
	A1623 ECN2786 com sta ser TR		
	E200A09 instl&rewk 161KV bus		
	E200A08 relocate 161 KV bus		
	E200A03 instl bus&support		
	E292B06 install conduit		
	E200A07 bus mod supt steel		
	E297B03 instl cbl tray suppt		
	E211A08 pull&term cables		
	E200A01 instl 6.9KV SW gear		
	E233A04 instl ltg conduit		
	E288A01 install tr junc box		
	E200A14 supt steel bus A		
	E200A04 pull bus cable		
	EEU checkout		
	IEU checkout		
	Punchlist X20 (01)T12A(RT)		
	WkPln 1414, 15,16,17 Act.211W		
	Rework"M"pan is WP #1556		
	MR flex connectors (623)		

01.2

TRANSFERS REQUIRED TO SUPPORT WFT

Issue Date February 25, 1983

Transfer Number X-202(2)

Total Punchlist *Hours

Comments:

	Description	H/M	Completion Date
Open IRNs			
PEG Additions and "F" Attachments			

	Description	H/M	Completion Date
Open Work Releases			
Open CONST Packages	E27EA01 comp misc ECN mainC5		
	P/L items M1,M2,M3,M4	16	02/07/83

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 1983

Transfer Number X-232(2), Remaining Reac Vent Pwr, NA

Transfer Date May 23, 1983

Lead CONST Engr/Insp P. Shepherd

Design Engineer

Responsible Craft Supervisor Nabors/Gann

		MEU	HEU	WEU	IEU	EEU	CEU	MQC	HQC	WQC	IQC	EQC	CQC	NUC PR			
Punchlist * Items						33						33				Long Path:	Unit:
Eng Duration (Days)/after	1-15-83															Total Engr Man-hours:	
Eng Man-hours																	

		ELEC	SF	HF	IF	IE	CARP	MW	IW	LBR	OP	PA	SM	CM	RM		
Duration (Days)/af	1-15-83															Long Path:	Craft:
Craft Man-hours																Total Craft Man-hours:	

Comments:

Feb. 24, 1983

Transfer Number X-232(2)

Total Punchlist Hours

Comments:

	Description	M/H	Completion Date
Open TCNs			
PKG Additions and "P" Attachments			

	Description	M/H	Completion Date
Open Work Releases			
Open CONST Packages	Const complete X232(02)		
	Uplift from X232(02)		
	E232C01 inst CND 232(02)		
	E232C02 inst equip 232(02)		

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 1983

Transfer Number X-234(1), AB & CDWE Bldg, Heat Trace, NA Transfer Date March 29, 1983 *

Lead CONST Engr/Insp G. Lubin-ki Design Engineer _____ Responsible Craft Supervisor Nabors/Gaun

	MEU	HEU	WEU	IEU	EEU	CEU	MQC	HQC	WQC	IQC	EQC	CQC	NUC PR		
Punchlist * Items	223				898		223				898			Long Path:	Unit:
Eng Duration (Days)/after -15-83					36									Total Engr Man-hours:	
Eng Man-hours					1300										

	ELEC	SF	HF	IF	IE	CARP	MW	IW	LBR	OP	PA	SM	CM	RM		
Duration (Days)/aft r 2-14-83															Long Path:	Craft:
Craft Man-hours															Total Craft Man-hours:	

Comments: Additional heat trace may be required for inst lines on sys 62 near boric acid blenders.

	Description	Completion Date
Material Restraints	Mtl on order:not restrained	
	5 heat trace circuits	02/25/83
Action Items		
Open ECNs		

	Description	Completion Date
EN DES Restraints		
	4497 (warehouse-QA mtl) EEUA	
Open NCRs		

X2341E

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 2b, 1982

Transfer Number X-234(1)

Total Punchlist *Hours _____

Comments:

	Description	M/H	Completion Date
Open IRNs	ECN3311 add heat trace	EEUA	
	Meas, Ver&receive HT seg 46	"	
Open CONST Packages	E043F01 inst cond T28 spt	"	
	E062F62 instl cnd for HT	"	
	E062F52 instl cnd for HT	"	
	E062F12 instl cnd for HT	"	
	E062M45 instl HT seg W2	"	
	E062M21 instl HT seg 40	"	
	E062M27 instl HT seg 56	"	
	E062M75 inst EQ seg W-1	"	
	E062M72 instl HT HF seg W1	"	
	E062M60 instl HT MF seg W2	"	
	E062M33 instl HT seg 45	"	
	E062M15 instl HT seg 47	"	
	E062F51 instl HT seg 46	"	
	E062M39 instl HT seg W1	"	
	E062M51 instl HT seg 41	"	
	E062M46 PC&term HT seg W2	"	

	Description	M/H	Completion Date
Open CONST Packages	EEU ckout [illegible] HT W10.2	EEUA	
	E06[illegible] HT seg W1	"	
	E06[illegible] HT seg W2	"	
	E062F11 [illegible] seg [illegible]	"	
	E062F31 [illegible] seg 51	"	
	E062[illegible] instl [illegible] seg [illegible]	"	
	[illegible] seg 45	"	
	E062M14 [illegible] HT seg 47	"	
	E062F53 [illegible] HT seg 46	"	
	E062M40 pull [illegible] seg W1 W10.2	"	
	E062M52 pull [illegible] seg W1 W10.2	"	
	E043F03 [illegible] T28 spt	"	
	E062F13 [illegible] seg 48&49,57	"	
	E062F33 PC&Te[illegible] HT seg 51	"	
	EEU ckout seg [illegible] HT W10.2	"	
	E062M16 pull [illegible] seg 47 W10.2	"	
	EEU ckout seg W1 HT W10.2	"	
	EEU ckout seg W1 HT W10.2	"	
	EEU ckout seg 41	"	
	EEU ckout of HT [illegible] W10.2	"	
	E062F63 PC&T HT seg 36	"	
	EEU ckout seg 40 HT W2.2	"	
Open CONST Packages	EEU ckout seg 48,49,57 HT	"	
	EEU ckout seg 51 HT W2.2	"	
	EEU ckout HT seg W1	"	
	EEU ckout HT seg W2	"	
	EEU ckout seg 36,50	"	
	E043F03 instl HT for W10.2	"	
	Complete insulation [illegible]	"	
	Insulate instr inst pt W10.1	"	

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 1983

Transfer Number X-237(2), Remaining 120 VAC Instr Pwr, NA Transfer Date May 16, 1983

Lead CONST Engr/Insp G. Lubinski Design Engineer _____ Responsible Craft Supervisor Nabors/Gann

	MEU	HEU	WEU	IEU	EEU	CEU	MQC	HQC	WQC	IQC	EQC	CQC	NUC PR	
Punchlist * Items					22						22			
Eng Duration (Days)/after 1-15-83					5									
Eng Man-hours					80									

Long Path: Unit:

Total Engr Man-hours:

	ELEC	SF	HF	IF	IE	CARP	MW	IW	LBR	OP	PA	SM	CM	BM
Duration (Days)/after 1-15-83														
Craft Man-hours														

Long Path: Craft:

Total Craft Man-hours:

Comments: Punchlist not issued.

	Description	Completion Date
Material Restraints	Fused switches EEUA	07/15/83
Action Items		
Open ECNs	3737 (NCR 8225) EEUA	06/01/83

	Description	Completion Date
EN DES Restraints		
Open NCRs	WBN-SWP 8225 (ECN 3737) EEUA	08/01/83

X2372E

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 1983

Transfer Number X-237(2)

Total Punchlist #Hours

Comments:

	Description	M/H	Completion Date
Open IRNs			
PRC Additions and "P" Attachments			

	Description	M/H	Completion Date
Open Work Releases			
Open CONST Packages			

X2372.2

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 1983

Transfer Number X-252(4), Code-call Alarms & Paging, TVA-11B Transfer Date May 16, 1983

Lead CONST Engr/Insp E. Austin Design Engineer _____ Responsible Craft Supervisor Mabors/Gann

	MEU	HEU	WEU	IEU	EEU	CEU	HQC	HQC	WQC	IQC	EQC	CQC	NUC PR	
Punchlist * Items														
Eng Duration (Days)/after 1-15-83:														
Eng Man-hours														

Long Path: Unit:

Total Engr Man-hours:

	ELEC	SF	HF	IF	IE	CARP	MW	IW	LBR	OP	PA	SM	CM	BM
Duration (Days)/after 1-15-83:														
Craft Man-hours														

Long Path: Craft:

Total Craft Man-hours:

Comments: Punchlist not issued. IRN BHP-142 (anchor spacing).

	Description	Completion Date		Description	Completion Date
Material Restraints	460 (REQ# 655284)		EN DES Restraints		
	SPKR/AMP Assemblies-AMP Cards				
Action Items					
Open ECNs			Open NCRs		

X2524E

TRANSFERS

Transfer Number Y-252(4)

Total Punchlist *Hours _____

Comments:

	Description	M/H
Open IRNs		
FRC Additions and "F" Attachments		

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 1983

Transfer Number X-278(1), Main & Aux Cont Bds, NA

Transfer Date May 16, 1983

Lead CONST Engr/Insp P. Shepherd

Design Engineer

Responsible Craft Supervisor Nabors/Gann

	MEU	NEU	WEU	IEU	EEU	CEU	MQC	NQC	WQC	IQC	EQC	CQC	NUC PR		
Punchlist # Items														Long Path:	Unit:
Eng Duration (Days)/after 1-15-83:														Total Engr Man-hours:	
Eng Man-hours															

	ELEC	SF	HF	IF	IE	CARP	MW	[illegible]	[illegible]	OP	FA	SM	CM	BM		
Duration (Days)/after 1-15-83:															Long Path:	Craft:
Craft Man-hours															Total Craft Man-hours:	

Comments: Punchlist not issued.

TRANSFERS REQUIRED TO SUPPORT IST

Date: Feb. 28, 1983

Transfer Number X-278(1)

Total Punchlist *Hours

Comments:

	Description	M/H	Completion Date
Open IPKs			
PRC Additions and "F" Attachments			

	Description	M/H	Completion Date
Open Work Releases			
Open CONST Packages	ECN2816 DC MCB handswitch 1		
	ECN3324 revise nametags 1		
	ECN3270 contrlr arrows 207A		
	Walkdown X278(01)		
	E278A02 wire CK M panels		

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 1983

Transfer Number X-PAL(1), Personnel Air Lock, TVA-3 Transfer Date April 4, 1983

Lead CONST Engr/Insp J. Ballard Design Engineer _____ Responsible Craft Supervisor Nabors/Gann

	MEU	REU	WEU	IEU	EEU	CEU	MQC	HQC	WQC	IQC	EQC	CQC	NUC PR		
Punchlist * Items															
Eng Duration (Days)/after 1-15-83:														Long Path:	Unit:
Eng Man-hours														Total Engr Man-hours:	

	ELEC	SF	HF	IF	IE	CARP	MW	IW	LBR	OP	PA	SM	CM	BM		
Duration (Days)/after 1-15-83:															Long Path:	Craft:
Craft Man-hours															Total Craft Man-hours:	

Comments: Punchlist not issued. Punchlist restrained by plywood covering.

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 1983

Transfer Number X-PDO(1), Pipe Prot Device, W-1.1(1) Transfer Date April 15, 1983

Lead CONST Engr/Insp F. Smith Design Engineer _____ Responsible Craft Supervisor Nabors/Gann

	MEU	HEU	WEU	IEU	EEU	CEU	HQC	HQC	WQC	IQC	EQC	CQC	NUC PR			
Punchlist * Items	3				1	88						88			Long Path:	Unit:
Eng Duration (Days)/after 1-15-83:															Total Engr Man-hours:	
Eng Man-hours																

	ELEC	SF	HF	IF	IE	CARP	MW	IW	LBR	OP	PA	SM	CM	BM		
Duration (Days)/after 1-15-83:															Long Path:	Craft:
Craft Man-hours															Total Craft Man-hours:	

Comments:

[illegible] Issue Date February 28, 1983

Transfer Number X-PDO(1)

Total Punchlist *Hours _____

Comments:

	Description	M/H	Completion Date		Description	M/H	Completion Date
				Open Work Releases			
Open IRCs							
				Open CONST Packages	Walkdown all PDOs		
					C193N01 RCP tierods		
					C003G05 rework PDO		
					C392T35 rewk supts & lad ins		
					M068F13 resAline sys-SGS		
PRC Additions and "F" Attachments							

An issue has been raised by the NRC's Caseload Forecast Panel for Watts Bar as to the level of review within TVA of NRC-OIE bulletins, information notices, and circulars that, while designated by the NRC as not requiring TVA response for Watts Bar, may represent potential unreviewed safety/operational concerns and could subsequently impact the present fuel loading schedule for Watts Bar.

Within TVA, NRC-OIE bulletins, information notices, and circulars are reviewed by both the Office of Engineering Design and Construction (OEDC) and the Office of Power (POWER). The review of these documents within OEDC is formally documented only when a response to the NRC is required. Also, these formally documented reviews are conducted only for the plants for which the NRC specified in their letter to TVA. However, these documents are informally assessed by OEDC personnel for applicability to any of the TVA plants that might be affected. This crossreview is aided by the following aspects of the OEDC organization.

1. The Nuclear Engineering Support Branch (NEB) within OEDC's Division of Engineering Design (EN DES) participates in and coordinates the OEDC-level review of these documents. NEB has lead responsibility within OEDC for assuring that all relevant safety concerns have been satisfactorily addressed in the design and construction of TVA's nuclear plants. Safety reviews conducted on issues raised by NRC bulletins, information notices, and circulars quite often involve personnel with knowledge of many (if not all) of TVA's plant designs.

2. Watts Bar is a "sister" plant to Sequoyah. Many of the people who designed and evaluated Sequoyah are also involved in the work on Watts Bar. Therefore, issues raised by the NRC that affected the Sequoyah design/construction process should have been are addressed for Watts Bar in a similar manner.

Within POWER, the Division of Nuclear Power (NUC PR) performs the reviews of NRC bulletins, information notices, and circulars. These reviews are conducted by the Nuclear Experience Review Program in accordance with procedure DPM N72A39. This program has been in existence since the early 1970's. It should be noted that formal prior to July 1981 documentation of these reviews, like OEDC, was accomplished when a response on a specific TVA plant was requested by the NRC. Since July 1981 formal documentation of these reviews has been required. Also, within POWER, the Nuclear Safety Review Board performs selected audits of the handling of these documents within POWER.

In responding to the concern raised by the Caseload Forecast Panel, it should be noted that safety issues raised by these NRC documents should have been factored into the normal licensing reviews conducted by the NRC for plants currently under construction. Examples where this work was accomplished by the NRC for Watts Bar are FSAR questions 31.147 (NRC IE Bulletin 80-06) and 31.148 (NRC IE Information Notice 79-22). Therefore, additional assurance is provided through the NRC's licensing review that the critical issues have been assessed for Watts Bar.

CASELOAD FORECAST PANEL REVIEW
AGENDA ITEM 9
SCHEDULAR IMPACT OF SER/NUREG-0737 ITEMS

Attached is a listing of the open licensing issues from the Watts Bar Safety Evaluation Report (SER) which are the lead responsibility of TVA-OEDC. Issues relative to NUREG-0737 have been addressed by the NRC in the SER and open/unresolved items are noted in this list. The confirmatory issues/licensing conditions are being scheduled and tracked and are not expected to impact the present fuel loading schedule. Note that 10 items are listed as "impasse" issues which TVA and NRC have yet to resolve. TVA has provided a response to NRC on all of these items. The ultimate resolution of these issues and subsequent impact on the WBN fuel loading schedule will depend upon NRC's determination of the acceptability of TVA's response.

DE05;E73060.54

WATTS BAR NUCLEAR PLANT OPEN ITEM LIST
OEDC SER ITEMS
February 14, 1983

Item	Action Required	Responsibility	Status or Date Due	SER Reference	Comments
Water level for ERCW piping	TVA should confirm that the ERCW pipeline design is based on a ground water level of ground elevation.	CEB	Completed	SER Section 2.4.8 (pg 2-21). SER confirmatory Item 1.	Ref: LMM to EA, 6/24/82. Design base groundwater level not required.
Material damping	TVA should support an NRC audit which will confirm TVA's choice of damping ratio for material/ generic damping of structure foundations.	CEB	Completed	SER Section 2.5.4.2 (pg 2-34). SER confirmatory Item 2.	Ref: LMM to EA, 11/30/82 (NEB 8212103 629).
Military aircraft training routes	Confirmation that routes have been relocated	NEB	Completed	SER Section 2.2.2 (pg 2-9).	Ref: JAR to LMM, 6/16/82. 390/81-01-07 closed by NRC-OIE in 390/82-09
Sheetpile walls	TVA to complete corrective action for nonconformance of design for sheetpile walls.	CEB	Completed	SER Section 2.5.4.3 (pg 2-38). SER confirmatory Item 3.	NCR WBNCEB8201 Final report subitted to NRC-OIE. WBN-E222
Liquefaction	TVA to determine a site specific top of ground acceleraton and justify use of cyclic testing as method for ensuring no liquefaction potential.	CEB	Completed	SER Section 2.5.4.4 (pgs. 2-39 and 2-40) SER Open Item 1	REF: LMM to EA, 10/28/82. (NEB 821029 601) and LMM to EA, 11/16/82 (NEB 821118 606).
Class 2 and 3 supports	For support components with L/R $\leq$ 30 TVA must provide an analysis demonstrating that an adequate margin is maintained to critical buckling.	CEB	Completed	SER Section 3.9.3.4 (pgs 3-29 and 3-30) SER Open Item 2.	
SQRT Audit	Meeting/audit held the week of 4/26/82. Additional information needs to be submitted.	CEB	Completed	SER Sections 3.10 and 3.11 (pgs 3-33, 3-34, and 3-35). SER Open Item 4.	Ref: LMM to EA, 12/1/82. (NEB 821206 613)
Loose Parts Monitoring System		EEB	Completed	SER Section 4.4.5 (pgs 4-19). SER confirmatory item 13	

VAB

WATTS BAR NUCLEAR PLANT OPEN ITEM LIST
OEDC SER ITEMS
February 14, 1983

Item	Action Required	Responsibility	Status or Date Due	SER Reference	Comments
Accident Monitoring Instrumentation (0737-II.f.1)	- Containment water level monitors will be installed.	SWP	Completed	SER Section 6.2.1.1 (pg 6-10)	Ref: LMM to EA, 8/12/82 (NEB 820816 651).
	- Qualified hydrogen monitors must be installed and operational	SWP	Completed	SER Section 6.2.5 (pg 6-22)	Ref: LMM to EA, 8/12/82 (NEB 820816 651).
Containment isolation	TVA must install a safety-grade isolation valve in the safety grade portion of each chemical feedline for each of four main-feed water, four feedwater bypass, and two auxiliary feedwater lines.	SWP	Completed	SER Section 6.2.4 (pg 6-19). SER confirmatory Item 18. SER license condition 7.	Ref: JAR to LMM, 6/10/82 (NEB 82 0610 295) and JAR to LMM, 1/11/83 (NEB 830111 276). Relocated chemical feedlines. WBN-R177
Hydrogen Accumulation	OEDC reviewing Westinghouse revision to NRC question. OEDC to provide changes to question Q 22.70.	NEB (TGC)	Completed	SER Section 6.2.5 (pg 6-21). SER license condition 9.	Ref: JAR to LMM, 9/19/82. Westinghouse response WAT-D-4959 is acceptable.
Sump debris	Provide detailed survey of insulation material.	MEB	Completed	SER Section 6.3.3 (pg 6-32). SER confirmatory Item 20.	WBN FSAR Q 212.113
Availability of Offsite Circuits	FSAR description WB Hydro Plant switchyard.	EEB	Completed	SER Section 8.2.2.1 (pg. 8-3). Confirmatory Item 26.	
Nonsafety Loads Powered from the Class 1E AC Distribution System	FSAR description of the design for each of the preferred offsite circuits.	EEB	Completed	SER Section 8.3.1.1 (pg 8-6). Confirmatory Item 27.	
Automatic Transfer Scheme	Provide description of the transfer scheme in the FSAR.	EEB	Completed	SER Section 8.2.2.2 (pg. 8-4). Outstanding Issue 11.	
D/G Reliability Testing	Provide copy of SQN D/G test results.	MEB	Completed	SER Section 8.3.1.6 (pg. 8-8). Confirmatory Item 29.	Provided test reports to NRC at site visit 7/26/82.

WATTS BAR NUCLEAR PLANT OPEN ITEM LIST
OEDC SER ITEMS
February 14, 1983

Item	Action Required	Responsibility	Status or Date Due	SER Reference	Comments
D/G Monitoring and Annunication	Submit drawings of indication and alarms for 125V dc battery system.	SWP	Completed	SER Section 8.3.2.2 (pg. 8-11). Licensing condition 13.	Ref: JAR to LLM 12/06/82. (NEB 821206 267).
D/G Battery System	Provide compliance of D/G 125V dc battery system in the FSAR.	EEB	Completed	SER Section 8.3.2.4 (pg. 8-13). Confirmatory Item 30.	
Thermal-Overload Protection Bypass	Verify design implementation of bypass of thermal-overload protection devices for motors and valves.	SWP	Completed	SER Section 8.3.3.1.2 (pg. 8-15). Confirmatory Item 31.	Pending resolution of action item identified at the site visit.
Sharing of Raceway Systems Between Units	Confirmation of shared raceway designs conformance with GDC 5.	EEB	Completed	SER Section 8.3.3.2 (pg. 8-17). Confirmatory Item 33.	Pending resolution of action items identified at the site
Sharing of AC/DC Distribution Systems and Power Between Units	FSAR revision to reflect requirements of the shared safety system.	EEB	Completed	SER Section 8.3.3.2 (pg. 8-16). Confirmatory Item 32.	
Evaluation of Penetrations	Verify capability of penetrations to withstand total range of time-current characteristics.	EEB	Completed	SER Section 8.3.3.6 (pg. 8-24). Confirmatory Item 35.	Pending resolution of site visit action item.
Component cooling booster pumps	TVA will relocate the pumps above the probable maximum flood level.	SWP	Completed	SER Section 9.2.2 (pg 9-10). SER confirmatory Item 37.	WBN-R116 (Closed)
Sprinkler Coverage	2. Automatic sprinkler coverage under pipe break barrier for AFW pumps.	MEB	Completed	SER Section 9.5.1.5 (pg 9-35).	Ref: LMM to EA, 6/24/82. Do not have pipe break barriers at WBN. Different type AFW pumps.
Switchgear room fire doors	Fire protection commitment to verify that the doors separating the DG switchgear rooms are 3-hour fire rated doors or replace with 3-hour fire rated doors.	MEB	Completed	SER Section 9.5.1.3 (pg 9-33).	Ref: LMM to EA, 11/10/81 (NEB 811117 626). TVA provided necessary documentation to verify 3 hr rating.

WATTS BAR NUCLEAR PLANT OPEN ITEM LIST
OEDC SER ITEMS
February 14, 1983

Item	Action Required	Responsibility	Status or Date Due	SER Reference	Comments
Auxiliary feedwater system reliability	TVA agreed to implement all short- and long-term NRC recommendations before receiving an O.L.	MEB	Completed	SER Section 10.4.9 (pg 10-15). SER letter to TVA dated 3/10/80.	Ref: LMM to EA, 10/28/81 (MEB 811030 641). TVA will implement applicable recommendations.
Initial Test Program	OEDC to provide revisions to table 14.2-1	MEB (DWW)	Completed	Chapter 14 SER (pg 14-6). SER license condition Item 31.	Ref: Package Number 356
Boron Dilution	TVA to show that the Boron Dilution system meets single failure	MEB/EEB	Completed	SER Section 15.2.4.4 (pgs 15-5, 15-6) SER Open Item 16	Ref: LMM to EA, 9/21/82 (MEB 820924 610).
GDC-51	TVA to provide misc information to indicate compliance to GDC-51	MEB	Completed	SER Section 6.2.7 (pg 6-24). SER Confirmatory Item 19	Ref: JAR to LMM, 12/20/82
PORV Isolation System (0737-II.K.3.1 & 2)			Completed	SER Section 15.5.3 (pg 15-26). SER license condition 34.	Ref: LMM to EA, 3/15/82.

WATTS BAR NUCLEAR PLANT OPEN ITEM LIST
OEDC SER ITEMS
February 14, 1983

Item	Action Required	Responsibility	Status or Date Due	SER Reference	Comments
Hydrogen lines	Hydrogen lines routed through safety related areas will be seismically qualified or flow limitors provided.	MEB	Completed	SER Section 9.5.1.5 (pg 9-37).	Ref LMM-EA, 8/28/81. Hydrogen lines are seismically qualified and provided with isolated valves.
Fixed water spray system in annuluas	Areas of divisional interaction within the annuluas will be protected by automatic fixed water spray system with convential spray heads.	MEB	Completed	SER Section 9.5.1.5 (pg 9-36).	Ref LMM-EA, 8/28/81. An automatic preaction water sprinkler system is provided.
Testing of communications	Communications will be pre-operationally tested in accordance with Regulatory Guide 1.68.	NEB (DWW)	Completed	SER Section 9.5.2 (pg 9-46). SER license condition 21.	Ref: JAR to LMM, 9/29/82 (NEB 820929 284). TVA will perform test in accordance with RG 1.68.
	2. D. G. engine cooling pre-heat system. (WBN FSAR Q 40.127)	MEB	Completed		Ref: JAR to LMM, 12/13/82 (NEB 821213 256)
	3. D. G. engine lube oil system. (WBN FSAR Q 40.128)	MEB	Completed		Ref: JAR to LMM, 12/13/82 (NEB 821213 256).
DG Expansion Tank	Expansion tank not located at highest point, system may become air bound with potential damage from waterhammer.	MEB	Completed	SER Section 9.5.5 (pg 9-55). SER open item 14.	Ref: LMM to EA, 10/9/81 (NEB 811016 680) and JAR to LMM, 12/10/82, (NEB 821210 265).
DG Cooling	Time period the DG is capable of operating fully loaded without secondary cooling has not been addressed.	MEB	Completed	SER Section 9.5.5 (pg 9-55). SER open item 14	Ref: LMM to EA, 10/9/81 (NEB 811016 680) and JAR to LMM, 12/10/82, (NEB 821210 265).

WATTS BAR NUCLEAR PLANT OPEN ITEM LIST
OEDC SER ITEMS
February 14, 1983

Item	Action Required	Responsibility	Status or Date Due	SER Reference	Comments
Containment buckling methodology	TVA to evaluate the WBN containment based on the results of the Los Alamos study.	CEB	840301	SER Section 3.8.1 (pg 3-20). SER confirmatory Item 8.	WBN-R056
PWR relief and safety valve test program (0737-II.D.1)	TVA will provide generic and plant specific information on this program.	NEB (DWW)	830601	SER Section 3.9.3.3 (pg 3-29). SER licensing condition 1.	WBN-R050 WBN-R136
Environmental Qualification of Electrical Equipment	Draft report reviewed by NUC PR. EN DES to provide revised draft report.	EEB	830701 ~~830300~~	SER Section 3.11 (pg 3-34, 3-35) SER Open Item 4	WBN-R171
Instrumentation for inadequate core cooling (0737-II.F.2)	TVA will provide the following:			SER Section 4.4.8 (pgs 4-20, 4-21, and 4-22). SER Licensing Condition 3	
	- Reactor Vessel Level Instrumentation System (RVLIS)	SWP	830601		WBN-R137 ECN-2329
	- Saturation temperature meter	SWP	830601		WBN-R137 ECN-2329
	- Extended range on backup analog thermocouple readout	SWP	830601		WBN-R137 ECN-2329
	- Westinghouse owners group guidelines for ICC instrumentation will be provided to NRC	NEB (DWW)	830601		
	- All ICC monitors to be operational	SWP	830601		WBN-R137 ECN-2329
RHR flow alarm	An RHR flow alarm will be installed to alert the operator to initiate alternate cooling modes in the event of loss of RHR suction.	SWP	830601	SER Section 5.4.3 (pg 5-18) SER confirmatory Item 14.	WBN-R163 ECN-3105

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WATTS BAR NUCLEAR PLANT OPEN ITEM LIST
OEDC SER ITEMS
February 14, 1983

Item	Action Required	Responsibility	Status or Date Due	SER Reference	Comments
Reactor coolant system vent (0737-II.B.1)	Provide same RCS vent system for WBN as provided for SQN	SWP	830601	SER Section 5.4.5 (pg 5-22). SER licensing condition 5	WBN-R128 ECN's 2340 & 3527
Accident monitoring instrumentation (0737-II.F.1)	TVA will provide the following:				
	- Interim high-range noble gas effluent monitors	SWP	830601	SER Section 6.2.5 (pg 6-22). SER license condition 6	WBN-R167
	- Permanent high-range noble gas effluent monitors	SWP	First outage of sufficient duration (no later than startup after first refueling outage)	SER Section 6.2.5 (pg 6-22).	WBN-R168
	- Redundant continuous containment pressure monitors with a range up to 4 times design pressure will be installed.	SWP	830601	SER Section 6.2.1.1 (pg 6-10)	WBN-R173
ECCS performance	TVA to provide a low flow alarm to alert the operator to degradation of ECCS (i.e., due to sump clogging).	SWP	830601	SER Section 6.3.2 (pg 6-29).	Ref: WBN FSAR Q 212.116
Safety system set point methodology	TVA to provide a list of safety-related functions and a summary of the data used in the set point analysis to assist the NRC in a review of the Technical Specifications.	NEB (DWW)	830601	SER Section 7.1.3.1 (pg 7-2). SER confirmatory Item 21.	WBN-R124
S.G. reference leg	TVA to insulate the steam generator reference leg to minimize temperature dependence problems.	SWP	830601	SER Section 7.2.5 (pg 7-6). SER confirmatory Item 22.	WBN-R174

WATTS BAR NUCLEAR PLANT OPEN ITEM LIST
OEDC SER ITEMS
February 14, 1983

Item	Action Required	Responsibility	Status or Date Due	SER Reference	Comments
Containment sump level measurement	TVA to change the design to provide protection to prevent debris from entering the level sensors. TVA to submit the design changes to protect sump level sensors debris. Modifi- to be complete before fuel load.	SWP	830601	SER Section 7.3.2 (pgs 7-8, 7-9). SER confirmatory Item 23.	WBN-R058 ECN-3181 - Closed
ESF reset	Modifications will be made to ensure the following valves remain in the emergency mode after engineered safety features reset: - feedwater isolation valves - main feedwater check valve bypass valves - upper tap main feedwater isolation valves - steam generator blowdown isolation valves - RHR heat exchanger outlet flow control valves	SWP	830601	SER Section 7.3.5 (pg. 7-10) SER confirmatory Item 24	IE Bulletin 80-06 WBN FSAR Q 31.147 WBN-R165 ECN-2936
Steam generator level display	TVA to display level for each steam generator on the L-10 auxiliary control panel.	SWP	830601	SER Section 7.4.2 (pg 7-12).	WBN-R059 ECN-3183
RHR letdown bypass valves	The valves will be indicated on the plant computer with an audible alarm and automatic printout in the Main Control Room when either of the valves is not in its fully locked position.	SWP	830601	SER Section 7.6.2 (pgs 7-15, 7-16)	WBN-R061 ECN-3179

WATTS BAR NUCLEAR PLANT OPEN ITEM LIST
OEDC SER ITEMS
February 14, 1983

Item	Action Required	Responsibility	Status or Date Due	SER Reference	Comments
UHI manual control	A manual actuation switch will be located on the UHI hydraulic panel in the MCR in parallel with the low accumulator water level signal for manual actuation of valve closure. Each low level channel with its associated channel will be physically separated and electrically isolated from the other channels.	SWP	830601	SER Section 7.6.3 (pg 7-16).	WBN-R062 ECN-3180
Overpressure protection system	TVA to install switches on the Main Control panel for the operator to manually arm the system to replace a failed permissive from the auctioneer for pressurizer PORVs.	SWP	830601	SER Section 7.6.5 (pg 7-17) SER confirmatory Item 25.	WBN-R063
Status monitoring system	A computer based status monitoring system will be provided.	EEB	Before second cycle	SER Section 7.7.2 (pg 7-22). Regulatory Guide 1.47. SER license condition 10.	WBN-R166
Acoustic monitoring (0737-II.D.3)	An acoustic monitoring system will be installed for safety and power-operated relief valves.	SWP	830601	SER Section 7.8.1 (pg 7-25). SER license condition 11.	WBN-R129 ECN-2216
Low/Degraded Grid Voltage	Verification of test results.	EEB	831215	SER Section 8.3.1.2 (pg. 8-7). Confirmatory Item 28.	BTP requires that this be complete prior to full power.
Testing of Reactor Coolant Pump Breaker	Redundant fault current protective devices be provided in series.	SWP	830601	SER Section 8.3.3.6 (pg. 8-24). Licensing Condition 18.	WBN-R172 ECN-3298

WATTS BAR NUCLEAR PLANT OPEN ITEM LIST
OEDC SER ITEMS
February 14, 1983

Item	Action Required	Responsibility	Status or Date Due	SER Reference	Comments
Postaccident sampling facility (0737-II.B.3)	TVA committed to provide the following:			SER Section 9.3.2 (pgs 9-16, 17, 18) 19	
	Capability to obtain and analyze samples within 3 hours.	NEB	830601		WBN-R133
	Onsite radiological and chemical analysis capabilities.	NEB	830601		WBN-R133
	Shielding sufficient to meet GDC19 assuming a Regulatory Guide 1.4 source term.	SWP	830601		WBN-R133
	Two independent offsite power supplies.	NEB	830601		WBN-R133
	Environmentally qualified sampling system.	NEB(TGC)	830601		WBN-R133
	Capability for analyzing .1 to 20 ppm dissolved oxygen.	NEB	830601		WBN-R133
	The NRC to condition the license to require the following:				
	Capability to analyze grab samples and verify capability of backup equipment to provide at least 1 sample per day for 7 days following onset of the accident and one sample per week thereafter.	NEB (TGC)	830801		WBN-R161
	Verify provisions to restrict background radiation levels.	NEB (LWL)	830801		WBN-R160
	Verify the sensitivity of onsite liquid sample analysis.	NEB (TGC)	830801		WBN-R161

WATTS BAR NUCLEAR PLANT OPEN ITEM LIST
OEDC SER ITEMS
February 14, 1983

Item	Action Required	Responsibility	Status or Date Due	SER Reference	Comments
	Verify charcoal absorber and HEPA filtration of ventilation exhaust.	NEB (TGC)	830801		WBN-R161
	Verify that residuals of sample collection will be returned to containment of a closed system.	NEB (TGC)	830801		WBN-R161
Stand pipe system	Fire protection commitment to modify the stand pipe system by extending the existing system and adding an additional interior manual hose station.	SWP	830601	SER Section 9.5.1.2 (pg 9-27).	WBN-R104 ECN 3389
Sprinkler heads	Fire protection commitment to modify design to ensure complete coverage by relocation or addition of sprinkler heads.	SWP	830601	SER Section 9.5.1.2 (pg 9-30). SER Section 9.5.1.5 (pg 9-35).	WBN-R108 ECN 3397
Fire pump relays	Relocate two (one primary and one secondary) relays for the fire pumps and separate by 20 feet.	SWP	830601	SER Section 9.5.1.2 (pg 9-26).	Commitment at SQN (NEB 79029 105). ECN 3256 WBN-R184
One hour fire barrier	Fire protection requirement to provide one-hour fire rated barriers.	SWP	830601	SER Section 9.5.1.3 (pg 9-32).	WBN-R159 EC7-3134
				SER Section 9.5.1.5 (pg 9-35).	Commitment at SQN (NEB 791029 105) WBN-R183 ECN 2093 (Closed 11/7/79)
				SER Section 9.5.1.5 (pg 9-36)	WBN-R156 ECN-3134

WATTS BAR NUCLEAR PLANT OPEN ITEM LIST
OEDC SER ITEMS
February 14, 1983

Item	Action Required	Responsibility	Status or Date Due	SER Reference	Comments
Sprinkler coverage	1. Automatic sprinkler coverage under mezzanine for all five CCW pumps.	SWP	830601	SER Section 9.5.1.5 (pg 9-35).	Commitment at SQN (NEWB 791029 105) WBN-R182 ECN 2093 (Closed 11/7/79)
Smoke detectors	Additional smoke detectors to actuate sprinkler system and ensure early warning of fire.	SWP	830601	SER Section 9.5.1.5 (pg 9-35).	Commitment at SQN (NEB 791029 105) WBN-R181 ECN 2093 (Closed 11/7/79).
Fire Dampers	Fire protection commitment to modify fire dampers similar to SQN modifications.	SWP	830601	SER Section 9.5.1.3 (pg 9-34).	WBN-R144 ECN 3389
Control room ceiling and carpet	Fire protection commitment to provide fire rated ceiling tile and carpet.	SWP	830601	SER Section 9.5.1.5 (pg 9-37).	WBN-R068 - (Carpet) WBN-R080 - (Ceiling Tile) ECN 3305 - Ceiling Tile ECN-3345 - Carpet
Auxiliary control room curb	Fire protection commitment to provide a curb on all four auxiliary control instrument room openings to preclude entrance of flammable liquid.	SWP	830601	SER Section 9.5.1.5 (pg 9-38)	WBN-R111 ECN-2476 - Closed
Curtain fire dampers	Fire protection commitment to provide a fixed wire mesh on the inside face of the curtain-type fire dampers elevation 757 of the Auxiliary Building.	SWP	830601	SER Section 9.5.1.5 (pg 9-38).	WBN-R112 ECN-3389 (Closed)
Twenty foot separation	Fire protection commitment to relocate one division to maintain a minimum of 20-ft separation between divisions for circuits listed in TVA's fire submittal of 9/9/80.	SWP	830601	SER Section 9.5.1.6 (pg 9-39).	WBN-R147

WATTS BAR NUCLEAR PLANT OPEN ITEM LIST
DEDC SER ITEMS
February 14, 1983

Item	Action Required	Responsibility	Status or Date Due	SER Reference	Comments
Missile protection for diesel generators	Tornado missile protection will be installed to preclude missiles from entering the D.G. building and damaging equipment.	SWP	830601	SER Section 9.5.4.1 (pg 9-48). SER confirmatory Item 7.	WBN-P118 ECN-3346 (Closed)
Diesel generator fuel oil vents	TVA will provide modifications to the D.G. vents to provide missile protection.	SWP	830601	SER Section 9.5.4.2 (pg 9-53). SER confirmatory Item 36	WBN-R125 ECN-3637
DG Exhaust	TVA will modify the diesel generator exhaust stack to ensure continued D.G. operation following impact of a tornado missile.	SWP	830601	SER Section 9.5.8 (pg 9-61). SER confirmatory item 7.	WBN-R153 ECN-3736
Control room design review	TVA must complete priority 1 and 2 items before fuel load. Priority 3 items must be addressed in the final design review.	SWP	830601	SER Section 18.1 (pg 18-1 and 18-2) SER license condition 37.	WBN-R064 thru WBN-R101
Preoperational test review	Preoperational test procedures will be available for NRC review at least 60 days before the expected performance of the test and startup test procedures will be available of least 60 days before fuel load.	NEB (DWW)	60 days before preop test	SER Section 14 (pg 14-4).	

WATTS BAR NUCLEAR PLANT OPEN ITEM LIST
OEDC SER ITEMS
February 14, 1983

Item	Action Required	Responsibility	Status or Date Due	SER Reference	Comments
Incore Thermocouple System	Primary and backup operator display is not acceptable with resect to 0737 II. F. 2	EEB	Impass	SER SEction 4.4.8 (pg 4-23). SER	
Dump valve actuation	TVA to verify the feasibility of manual action to correct for failure of power or air to the atmospheric dump value.	NEB (DWW)	Impasse	SER Section 5.4.3 (pg 5-20). SER confirmatory Item 16.	Ref: WBN FSAR Q 212.93 TVA did not commit to verify at WBN manual action of atmospheric dump valves
Testing of Associated Circuits	Protective devices be of high quality and periodically tested.	EEB	Impass	SER Section 8.3.3.3 (pg. 8-18). Licensing condition 15.	TVA purposed to perform an analysis of the protective schemes for associated cable routed in divisional cable trays. For these circuits an acceptable protective scheme would be one fuse or two circuit breakers in series. Where there is a single circuit breaker periodic testing will be req'd
Periodic testing of Non-Class 1E Protective devices in Non-divisional cable trays	Non-class 1E cables, routed closer to class 1E cables than allowed by RG 1.75 be identified with their protective devices.	EEB	Impass	SER Section 8.3.3.3 (pg 8-18). Licensing Condition 16.	TVA purposed to perform an analysis of the protective scheme for non-class 1E cables routed in nondivisional cable trays which are considered to be associated circuits due to their proximity to divisional cable trays. For these circuits an acceptable protective scheme would be one fuse or two circuit breakers in series. Where there is a single circuit breaker periodic testing will be req'd.
Postaccident sampling facility (0727-II.B.3)	Provisions for sampling containment atmosphere under positive and negative pressures.	NEB (TGC)	Impasse		Ref: LMM to EA, 9/22/81 (NEB 810928 653). TVA did not commit to this action in the revised response.
	Provisions to purge the sample lines.	NEB (TGC)	Impasse		Ref: LMM to EA, 9/22/81 (NEB 810928 653). TVA did not commit to this action in the revised response.

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WATTS BAR NUCLEAR PLANT OPEN ITEM LIST
OEDC SER ITEMS
February 14, 1983

Item	Action Required	Responsibility	Status or Date Due	SER Reference	Comments
Lube oil storage room fire door	The NRC requires that the doors at elevation 742 of the diesel generator building (Lube Oil Storage room) be closed and locked or alarmed in the main control room.	MEB	Impasse	SER Section 9.5.1.3 (pg 9-33). NFPA 101(1976), Section 6-6.3.2. NFPA 30, Section 4-4.1.2. Appendix R, Section N	Ref LMM-EA, 8/28/81. TVA stated existing arrangement is adequate.
Emergency Lighting	NRC requires illumination of not less than 1.0 ft-candle measured at the floor of all points on the floor.	MEB	Impasse	SER Section 9.5.1.5 (pg 9-34).	Ref LMM-EA, 7/9/82. 1.0 feet candle criteria is excessive and unwarranted.
Diesel Generators	NRC unable to obtain information from D. G. vendors to resolve generic issues:			SER Section 9.5.5 (pgs 9-54, 9-55, and 9-56) SER Section 9.5.7 (pg 9-58) SER open item 13 and 14	
	1. Regulatory Guide 1.26 compliance.	MEB	Impasse		Ref: LMM to EA, 11/29/82 (NEB 821201 623).

SHEET ____ OF ____

COMPUTED ____ DATE ____

CHECKED ____ DATE ____

NAME	ORGANIZATION	ADDRESS
March 3, 1983 (cont'd)		
GUENTER WAISEWITZ	CONST WBN	
Ralph Pierce	OEDC	WBNP
Robert L. Lewis	NUC PR	WBNP
Wes Byrd	NUC PR	WBNP
Bob Seay	TVA - CONST.	
Herb Jucke	TVA - CONST	WBNP

March 4, 1983

Vince Bianco	TVA - EN DES	W10B74C-K
Robert L. Lewis	TVA - NUC PR	WBNP
Ralph Pierce	TVA - OEDC	104 ESTA
Dave Ellis	TVA - POWER	400 CSTR
V.B. Swan	NRC - Sr. Res. Insp. (Const)	Site
T.L. Hatchett	NRC - SRO	Site
H.J. Fischer	TVA - CONST	WBNP
W.H. Lovelace	NRC - RII	
T.J. Kenyon	NRC - DOL Project Manager	
Wes Byrd	TVA NUC PR	WBNP
Bob Seay	TVA - CONST	WBNP
Thelton Johnson	TVA - CONST	WBNP.

VA 11030 (WM-7-75)

SHEET _____ OF _____

COMPUTED _____ DATE _____

CHECKED _____ DATE _____

CASELOAD FORECAST PANEL REVIEW

WATTS BAR NUCLEAR PLANT

MARCH 2, 3, 4, 1983

NAME	ORGANIZATION	ADDRESS
MARCH 2, 1983		
V.A. BIANCO	TVA - EN DES	W10B74C-K
D.P. ORMSBY	TVA - POWER	460 CST2 -
GUENTER WADEWITZ	TVA CONST	104 ESTA-
Ralph Pierce	TVA-OEDC	
Jim Standifer	TVA - EN DES	204 GB-K
W T COTTLE	TVA - NUC PR	WBNP
Bob Seay	TVA - CONST	WBNP
Shelton Johnson	TVA - CONST	WBNP
Robert L. Lewis	TVA - NUC PR	WBNP
HERB FISCHER	TVA - CONST	WBNP
Ken Jones	TVA - NUC PR	WBNP
Wes Byrd	TVA - NUC PR	WBNP
J.D. Collins	TVA - En Des	W3A7C-K
R.G. Pratt	TVA - EN DES	323 GB
D. B. Ellis	TVA - POWER	460 CST2 -
T.L. HEATHERLY	NRC - SRO WBNP	
W.H. LOVELACE	NRC - RM/RS	
TJ Kenyon	NRC - Project Manager	
W B Swan	NRC - Sen Res. Insp. Const	
March 3, 1983		
V.A. Bianco	TVA - EN DES	W10B74C-K
TJ Kenyon	NRC - Project Manager	
W.H. Lovelace	NRC	
D. B. Ellis	TVA - POWER	

A 11030 (WM-7-75)

CASELOAD FORECAST PANEL REVIEW
AGENDA ITEM 10
SCHEDULAR IMPACT OF 10CFR50.55(e) ITEMS

Agenda item 10 requests that TVA access the schedular impact of 10CFR50.55(e) items. TVA has estimated that in order to support the January 1, 1984, fuel load date for unit 1, approximately 25 to 30 55(e) items will need to be closed each month between now and that date. These figures are based on closure of the present 231 outstanding 55(e) items and anticipated additional 55(e) items (not yet identified) which may be reported. A review of the outstanding 55(e) items would indicate that no specific item should impact the present fuel load date. All design, procurement, and installation activities will be completed sufficiently prior to fuel loading to allow NRC adequate time to inspect work and TVA to resolve specific problems as encountered. It should be noted that certain 55(e) items will not be closed until after fuel loading. These items include environmental qualification of electrical equipment and other specific 55(e) items for which closure may be deferred until after fuel loading. Each item will be handled on a case-by-case basis with appropriate justification submitted as necessary.

Based on past experience at both Sequoyah unit 1 and unit 2. TVA considers this to be a realistic goal which will require close coordination between TVA and NRC-OIE.

DE05;E73060.54

CASELOAD FORECAST PANEL REVIEW
AGENDA ITEM 10
NUMBER OF OPEN 10CFR50.55(e) ITEMS

Month/Year	Final Report Not Submitted	Final Report Submitted - Corrective Action Not Complete	Final Report Submitted - Corrective Action Completed. Not Closed by NRC
January 1982	88	*	*
February 1982	80	*	*
March 1982	78	*	*
April 1982	92	*	*
May 1982	100	*	*
June 1982	102	90	27
July 1982	121	91	24
August 1982	117	110	7
September 1982	130	101	12
October 1982	140	83	27
November 1982	120	78	29
December 1982	121	71	34
January 1983	115	74	29
February 1983	128	89	27
March 1983	118	78	35

* Data not available.

DE05;E73060.54

Tom:

This report will give Bill Lovelace a good preliminary overview of Watts Bar progress. Please also recognize that a considerable amount of licensee generic items (e.g. CDRs) and enforcement items (e.g. 240) remain open. Watts Bar had scheduled the Model D fix for the fall and thermal sleeves will also come out at the same time. Other factors that could contribute to fuel load delays are the 79-14 program commitment items and the Black + Veatch review generic issues. Right now I feel a January 1984 fuel load is optimistic.

Hallthally SRI
WBNP.

Bill

Please give me a call when you get a chance. I'll be travelling with you on the same flights, now.

Tom
x27266