TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 1983

Transfer Number X-32(5), Nonessential Control Air, NA

Transfer Date March 15, 1983 *

Lead CONST Engr/Insp V. Thomas

Design Engineer

Responsible Craft Supervisor Nabors/Gann

	MEU	HEU	WEU	IEU	EEU	CEU	MQC	HQC	WQC	IQC	EQC	CQC	NUC PR		
Punchlist * Items				114						114				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:

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 24, 1983

Transfer Number X-32(5)

Total Punchlist *Hours

Comments:

	Description	M/H	Completion Date
Open ISNs			
PKG Additions and "p" Attachments			

	Description	M/H	Completion Date
Open Work Releases			
Open CONST Packages	ECN3369 reroute NE contalR1		
	Walkdown X032(05)		
	IM32F14 noness hgrs AB		
	IM32F15 noness hgrs AB		
	IM32F20 noness hgrs		
	IM32F13 noness hgrs AB		
	IM32F18 noness hgrs		
	IM32F19 noness hgrs		

Issue Date February 28, 1983

TRANSFERS REQUIRED TO SUPPORT HFT

Transfer Number X-32(7), Auxiliary Building, Control Air, NA Transfer Date April 30, 1983 *

Responsible Craft Supervisor Mabors/Gann

Lead CONST Engr/Insp V. Thomas Design Engineer

	MEU	MEU	WEU	IEU	EEU	CEU	MQC	WQC	WQC	IQC	EQC	CQC	MUC PR			
Punchlist * Items				108						108					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	FA	SM	CM	BM		
Duration (Days)/after 1-15-83															Long Path:	Craft:
Craft Man-hours															Total Crafr Man-hours:	

Comment:

Issue Date February 28, 1983

TRANSFERS REQUIRED TO SUPPORT HFT

Transfer Number X-32(7)

Total Punchlist *Hours

Comments:

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

	Description	M/M	Completion Date
Open Work Releases			
Open CONST Packages	Walkdown X032(07)		
	I032C08 control air to sy30		
	I032C03 CA to FCV rod matr		
	I032C04 CA to FCV 43 & 63		
	I032C06 control air inst pkg		
	IM32F10 blowdown NE cont air		
	I032C10 instr in sketching		
	I032C01 control air nonessen		

Issue Date February 28, 1983

TRANSFERS REQUIRED TO SUPPORT HPT

Transfer Number K-32(3), R31 & North Valve Room, NA Transfer Date April 25, 1983 *

Lead CONST Engr/Insp V. Thomas Design Engineer _____ Responsible Craft Supervisor Nabors/Gann

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

	ELEC	SF	HF	IF	TE	CARP	HF	IW	LBR	OP	PA	SN	[illegible]	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 MFT

Issue Date February 28, 1983

Transfer Number X-32(8)

Total Punchlist *Hours

Comments:

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

	Description	M/H	Completion Date
Open Work Releases			
Open CONST Packages	[illegible] main stm isln val [illegible] Walkdown [illegible] [illegible] [illegible] lines		

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 1983

Transfer Number X-32(9), Control Building, NA

Transfer Date April 15, 1983 *

Lead CONST Engr/Insp V. Thomas

Design Engineer

Responsible Craft Supervisor Nabors/Gann

	MEU	HEU	MRU	IRU	EEU	CEU	MQC	RQC	WQC	IQC	BQC	CQC	NUC PR
Punchlist * Items				23						23			
Eng Duration (Days)/after 1-15-83										12			
Eng Man-hours										[illegible]			

Long Path: Unit: IQC

Total Engr Man-hours: 340

	ELEC	SF	HF	IF	TE	CARP	MW	IW	LBR	OP	PA	SM	CN	BM
Duration (Days)/after 2-14-83				45										
Craft Man-hours				-3586										

Long Path: 45 Craft: IF

Total Craft Man-hours:

Comments:

TRANSFERS REQUIRED TO SUPPORT MFT

Issue Date February 28, 1983

Transfer Number X-32(9)

Total Punchlist *Hours

Comments:

	Description	M/M	Completion Date
Open IRMs			
PKG Additions and "p" Attachments			

	Description	M/M	Completion Date
Open Work Releases			
Open CONST Packages	10)2C09 inst| instr lines		
	10)2C08 inst| instr lines		
	MR 1-1/2" sch 40 instr line		

Issue Date February 28, 1983

TRANSFERS REQUIRED TO SUPPORT HFT

Transfer Number X-41(3), Layup Water Treatment, NA

Transfer Date April 15, 1983

Responsible Craft Supervisor Nabors/Gann

Lead CONST Engr/Insp V Powell

Design Engineer Phil Burnette

	MEU	NEU	WEU	IEU	EEU	CEU	MQC	NQC	WQC	IQC	EQC	CQC	PUC PR
Punchlist # Items													
Eng Duration (Days) after 1-15-83													
Eng Man-hours													

Long Path:

Total Engr Man-hours:

Unit:

	ELEC	SP	HP	IP	IR	CARP	MW	IW	LBR	OP	PA	SM	CM	BM
Duration (Days)/after 1-15-83														
Craft Man-hours														

Long Path:

Total Craft Man-hours:

Craft:

Comments: Punchlist not issued.

	Description	Completion Date
Material Restraints		
Action Items		
Open ECNs		

	Description	Completion Date
EN DES Restraints		
	SWP 8308	
Open NCRs		

X413P

TRANSFERS REQUIRED TO SUPPORT RFT

Issue Date February 28, 1983

Transfer Number X-61(3)

Total Punchlist Hours

Comments

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

	Description	M/H	Completion Date
Open Work Releases			
Open CONST Packages	ECW3151 DC SG layup VT 1		
	Walkdown X041(03)		
	H041A01 inst1 hgrs		
	H041A02 inst1 hgrs		
	H041A03 hgr pkg (or X041C3)		
	Need instrument F141-8		
	IC41C01 inst inst & hydro		
	H041C01 comp pipe X041(3)		03/04/83
	Punchlist X041(03)		
	S041C01 flush X041(3)		
	H041B01 hydros		03/11/83

X413.2

Issue Date February 28, 1983

TRANSFERS REQUIRED TO SUPPORT HFT

Transfer Number X-43(3) Sampling, TVA-28

Transfer Date February 28, 1983 *

Lead CONST Engr/Insp V. Thomas

Design Engineer

Responsible Craft Supervisor Nabors/Gann

	HEU	HZU	WZU	IEU	REU	CSU	MQC	IRQC	WQC	IQC	EQC	CQC	NUC PR
Punchlist * Items				5						5			1
Eng Duration (Days) after 1-15-83				35						16			5
Eng Man-hours				840						1200			

Long Path: Sample Lines Unit:TRU
Total Engr Man-hours: 2040

	ELEC	SP	HP	TP	TR	CARP	HV	IV	LBR	OP	FA	SM	CN	BM
Duration (Days)/after 2-14-83														
Craft Man-hours				-1291	-311									

Long Path: Craft:
Total Craft Man-hours:

Comments: Intermediate walkthrough held 02/04/83.

	Description	Completion Date
Material Restraints		
Action Items		
Open ECNs	3613 2936 (dwg issued 01/12/83)	02/28/83

	Description	Completion Date
EN DES Restraints		
Open NCRs		

X433E

Issue Date February 28, 1983

TRANSFERS REQUIRED TO SUPPORT HFT

Transfer Number X-43(3)

Total Punchlist *Hours

Comments: E043D06 (ECN33[illegible]-is this work in the field?
Check on ECN2[illegible].

	Description	M/H	Completion Date
P/L item N59-N66 added	CTB-3 1-3V-43-9553B, need conductors ID		
	ETD-46 1-JB-293-1297, need diode installed		
	TM-87 IOS sketch		unknown
	MMC-74,66 IOS		"
	TM-131,130 IOS cc		"
	TM-132 IOS		"
	GPB-5, root valve stem missing		
	RJW-155		
	PSF-12, IOS		
	EJH-27		
Open IRNs	GPB-04		
PKG Additions and "F" Attachments	I043A01 WR# 7380 rework 6 subassmbs (I)	80	02/15/83
	I043D01 WR# 7417 remove FCV-43-54B & pipe & tube (I)	8	02/10/83
	E043D06 WR# E133 repull cable (W)	24	02/14/83

	Description	M/H	Completion Date
Open Work Releases			
Open CONST Packages	E043G02 CA eqpt WP TVA-28(I)(I)		
	AI629 NCR 2290R S/S tubing		
	E043D07 CND WP TVA-28(I) (E)		
	E043B02 CA, eqpt WP B TVA-28(S)		
	I043F02 instr 1a boron anlzr(I)		
	I043D08 CA eqpt WP TVA-28(I)(I)		
	[illegible]U ckout		
	E043D06 cable pkg TVA 28 (W)		
	Instr hydro pk 43G TVA 28(I)		
	I043B01 gas analyzer TVA 28(I)		
	I043G01 line H2 panel T-28(I)(I)		
	I043A01 sam sys, TVA 28(I) (I)		
	[illegible]3B03 RW lines for ECN3403(I)		
	[illegible]D01 instl coplt WP (I)		
	I[illegible]01 smpl [illegible]ns-L233 PNL BD(I)		
	I04[illegible]02 instr digital lp ck		
	AI647 DIR-1-047 spec&flow RT		
	NU PWR calib instr		
	ECN 3613, remove switches		
	MR calib gas bottles & regul		

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 1983

Transfer Number X-55(1), Annunciators, W-10.10

Transfer Date March 14, 1983

Lead CONST Engr/Insp J. Parrish

Design Engineer

Responsible Craft Supervisor Nabors/Gann

	MEU	HEU	WEU	IEU	EEU	CEU	MQC	HQC	WQC	IQC	EQC	CQC	WUC PR	
Punchlist * Items					3						3			
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:

	Description	Completion Date
Material Restraints		
	584 (Westinghouse FDR WATM 10181)	01/30/83
Action Items		
Open ECNs		

	Description	Completion Date
	FCN WATM 10647	02/28/83
EN DES Restraints		
Open NCRs		

X55IE

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 1983

Transfer Number X-55(1)

Total Punchlist *Hours

Comments:

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

	Description	M/H	Completion Date
Open Work Releases			
Open CONST Packages	AI584 FDR/WATR 10181 CEU ckout W10.10		

3791.2

Issue Date February 28, 1983

TRANSFERS REQUIRED TO SUPPORT HFT

Transfer Number X-59(1), Demin Water & Cask Decon, NCS-25C Transfer Date May 9, 1983

Lead CONST Engr/Insp D. McClure Design Engineer _____ Responsible Craft Supervisor Nabors/Gann

	MEU	HEU	WEU	IEU	EEU	CEU	MQC	HQC	WQC	IQC	EQC	CQC	NUC PR
Punchlist * Items	6	7		5	10					4			1
Eng Duration (Days)/ after 1-15-83:	35	25		5	15					2			
Eng Man-hours	425	240		40	240					4			

Long Path: Unit:

Total Engr Man-hours:

	ELEC	SF	HF	TF	IE	CARP	MW	IW	LBR	OP	PA	SH	CM	BH
Duration (Days)/ after 2-14-83:		10												
Craft Man-hours	108	835												

Long Path: 10 Craft: SF

Total Craft Man-hours: 943

Comments: 1 hgr to be added-HF.

	Description	Completion Date
Material Restraints		
Action Items		
Open ECNs	3367 HEU 29 hgrs affected	OWIL

	Description	Completion Date
EN DES Restraints	H-059	
Open NCRs		

X591E

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 25, 1983

Transfer Number X-59(1)

Total Punchlist *Hours

Comments:

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

	Description	M/H	Completion Date
Open Work Releases			
Open CONST Packages	Walkdown X059(1)		
	EEU ckout X59(1) NCS 25C		
	H059A13 typ hgrs X059(01)		
	H059A04 instl hgrs X59(1)		
	I059A01 instl hyd&cal instr		
	P059E01 punchlist pkg		
	P059M01 punchlist pkg X59(1)		
	Insulate demin wtr NCS 25C I		
	Punchlist X059(01)		
	S059A02 flush X59(1) NCS 25C		

TRANSFERS REQUIRED TO SUPPORT MFT

Issue Date February 28, 1983

Transfer Number X-64(1)

Total Punchlist *Hours

Comments:

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

	Description	M/H	Completion Date
Open Work Releases			
Open CONST Packages	ECN 2689, install 16 hgrs		02/18/83

TRANSFERS REQUIRED TO SUPPORT HFT

Transfer Number X-65(1) ECTs, TVA-2A Transfer Date May 2, 1983

Lead CONST Engr/Insp C. Driskell Design Engineer _____ Responsible Craft Supervisor Mahers/Gann

	MEU	HEU	WEU	IEU	EEU	CEU	MQC	HQC	WQC	IQC	EQC	CQC	MUC PR	
Punchlist # Items	4	1		19	23		4	1		17	23		2	Calibrations/ IF
Eng Duration (Days)/ after 1-15-83:	25	3		25	15		3	1		35	9		16	Long Path: Inspections Unit: Q
Eng Man-hours	348	16		355	280		40	2		1000	72			Total Engr Man-hours: 2113

	ELEC	SF	HF	IF	IE	CARP	MW	IW	LBR	OP	PA	SM	CM	BM	
Duration (Days) after 2-14-83:				4	5				10			10			Long Path: 10 days Craft: SM/LBR
Craft Man-hours				-482	961				500			1460		-34	Total Craft Man-hours: 2921

Comments: Need to punchlist shield building to close items. (CEU)
Need MEU-A test pkg for leak test.
Addition to mech pkg M065A21 added LBR and SM hours.

	Description	Completion Date
Material Restraints		
Action Items		
Open ECNs		

	Description	Completion Date
EN DES Restraints		
Open NCRs	4491R (No dwg chg required)	C: 03/25/83
	4649 (broken anchor)	03/15/83

X651E

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 1983

Transfer Number X-65(1)

Total Punchlist *Hours

Comments: Need test packages for leak test!
E065P01 for IE added 675 MHs.

	Description	M/H	Completion Date
P/L items 90691 added 02/09/83.	EDI-34 O-JB-292-43 18-B, NP wrong size-		
	mis NP White, int wiring crossed for		
	mis & MM		
	EDI-36 same as above for O-JB-292-4317A		
	SPR-88, IOS		
	MMC-78, inst		
	CLG-21, inst cbls&cond are swapped between:		
	1-FCO-65-45 & 1-FCO-65-46		
	CLG-22, solenoid mounted incorrectly per		
	vendor dwgs O-FCV-65-47B		
Open IRNs			
PKG Additions and "F" Attachments	R065A11 (support ECN3177) 4 conduits		
	and 2 junction boxes - inst	450:	02/16/83
	E065A02 (support ECN2458) pull 1 cbl-inst	150:	(W)02/14/83
	E065A11 pull cables listed WR# 7494 (W)	100:	02/18/83

	Description	M/H	Completion Date
Open Work Releases			
	2687 replace filters (OWIL)		
	ECN3577 DC-related ductwk 1		
	ECN3177 reloct pnls-44&45 1		electrical
Open CONST Packages	E065A02 pc&term ECN2458 (W)		
	EEU ckout for E065A10 (F)		
	E065A11 conduit (W)		
	H065W01 bulk hgr removal (W)		
	HEU rel bell pent for insul		
	HEU rel for bell pent seals		
	I065A01 hgr sense lines (W)		
	I065A03 misc instr (I)		
	I065A04 tube vlvs TVA 1 (I)		
	I065A06 dig loop chk TVA 1(I)		
	ECN3517 NP pos setpoints 1		
	IEU rel bell pent for insul		
	IEU loc&hydro sleve #33		
	IEU loc&hydro sleve #34		
	IEU loc&hydro sleve #36		
	IEU loc&hydro sleve #48		
	IEU loc&hydro sleve #54		
	IEU loc&hydro sleve #59		
	IEU loc&hydro sleve #60		
	IEU loc&hydro sleve #61		
	IEU loc&hydro sleve #107		
	IEU loc&hydro sleve #108		
	EU rel for bell pent seals		
	5A05 pneumatic test TVA-1		(I)
	instr & lps X65(I) TVa-1		
	A01 instl BL plate TVA 1		
	01 remaining duct hgrs(W)		
	M065A05 leak rate test AB,RB		(S) 03/11/83
	Wlkdown-seal cont&shield bld		
	MEU insul pipe at bell pent		
	M065A21 duct cleaning		02/28/83
	M 5A20 seal containment		
	MG A19 inst fabric bellows(W)		
	M065A1 prelim air balance(S)		03/11/83
	Final air bal for TVA 1		
	Punchlist X065(01)		
	Work pl-complete seal-cont		

X651.2

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 1983

Transfer Number X-67(1), FRCW Spool Pieces, TVA-51 Transfer Date February 28, 1983

Lead CONST Engr/Insp H. Loftis Design Engineer _____ Responsible Craft Supervisor Nabors/Gann

	MEU	HEU	WEU	IEU	EEU	CEU	MQC	HQC	WQC	IQC	EQC	CQC	NUC PR	
Punchlist * Items	5						5							Long Path: Unit:
Eng Duration (Days) after 1-15-83:	15													Total Engr Man-hours:
Eng Man-hours	40													

	ELEC	SF	HF	IF	IE	CARP	MW	IW	LBR	OP	PA	SM	CM	BM	
Duration (Days)/after 2-14-83:															Long Path: Craft: SF
Craft Man-hours		-56													Total Craft Man-hours:

Comments: Final walkthru held February 25, 1983.

Description	Completion Date	Description	Completion Date

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 1983

Transfer Number X-67(1)

Total Punchlist *Hours

Comments:

	Description	M/H	Completion Date
Open IRNs			
PKG Additions and "F" Attachments	M067Q02 R5		02/25/83

	Description	M/H	Completion Date
Open Work Releases			
Open CONST Packages	ECN3245 DC support mod 67 1		
	M067Q02 mech wk pkg ERCW		

X671.2

TRANSFERS REQUIRED TO SUPPORT RFT
May 24, 1983 with all hgrs

Issue Date February 28, 1983

Transfer Number X-67(3) ERCW Pipe, TVA-18C

Transfer Date March 14, 1983

Lead CONST Engr/Insp B. McKay

Design Engineer

Responsible Craft Supervisor Nabors/Conn

	MEU	HEU	WEU	IEU	EEU	CEU	MQC	HQC	WQC	IQC	EQC	CQC	MUC PR	
Punchlist * Items	21	2		18	7		21	1	1	7			1	
Eng Duration (Days)/after 2-22-83	13	90		20	5		19		34	3				
Eng Man-hours	926	24525		636	40		1000		1075	18				

Long Path: Hangers Unit: HE
Total Engr Man-hours: 28220

	ELEC	SF	HF	IF	IE	CARP	MW	IW	LBR	OP	PA	SM	CM	BM
Duration (Days)/after 2-14-83		2	50		5									
Craft Man-hours	-37	601	97860	-229	104									

Long Path: 50 Craft: HF
Total Craft Man-hours: 98565

Comments

	Description	Completion Date
Material Restraints		
	648 (HEU)	
Action Items		
	2756 CS to SS	01/30/83
	3174 CS to SS	01/21/83
	3217 CS to SS	12/30/82
	3486	
	2834	
	3486	
	3363 add FE to sta air comp	
Open ECNs	3049 CS to SS	

	Description		Completion Date
EN DES Restraints	Ref WBN 83 0114 013 (hgr exemptions to TVA 18C)		
Open NCRs	3817R HEU	C	
	4082P HEU	C	
	4393R HEU	C	
	3116R MEU-D down grade pipe	C	
	4122R MEU-D	C	

X673E

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 1983

Transfer Number V-67(3)

Total Punchlist *Hours

Comments: FCR I-1118 move[illegible] data
ERCW hangers re[illegible]ired for vibration - 279 E status; 12 isometrics not spotted; 276 craft complete;
127 in work 1[illegible] shift; 61 in work 2nd shift; 37 in work 3rd shift; 780 total hangers.

	Description	M/H	Completion Date
Open IRNs			
	LC 1186,Pene rm clr 2B-3 dis flx hose clr		
	LC 1185,Pene rm clr 2B-1 dis flx hose clr		
	DS 806,segment 177 in reinspection		
	DS 1211,pene rm clr 2A-2 sup flx hose clr		
	DHC 21,segment 96 dir contact		
	DHC 22,segment 96 discrepancy		
	DHC 23,segment 96 discrepancy		
	DS 1216, segment 57 sleeve clearance		
	SM 1073,0-FCV-67-208 limitorque grease		
	GS 1205		
	GS 1209,Segment 55 contacts (resolved)		
	IMMC 76, IOS		
	IMMC 77, IOS		
	EJH-21, broken stud on root valve		
	DES-69,slope,tighten clamps,fix gap,IOS		
PKG Additions and "F" Attachments	M067E04		
	M067H04		
	M067K02		
	M067M04		
	S067M02		
	S067M03		
	M067C03		

	Description	M/H	Completion Date
Open Work Releases	6922 EEU 7220 MEUd		
	6925 MEUa 7229 MEUd		
	6929 IEU 7230 MEUd		
	6952 MEUa 7231 MEUd		
	6966 EEU 7232 MEUd		
	7001 MEUa 7233 MEUd		
	7073 MEUd 7235 M&A		
	7085 MEUd 7313 MEUd		
	7116 MAH		
	7117 MAH		
	7118 MEUd		
	7134 MEUd		
	7135 MEUd		
	7139 MEUd		
	7187 MEUa		
	7195 M&A		
	7199 MEUd		
	7219 MEUd		
	2756 CS to S/S out (in work)		
Open CONST Packages	ECD		
	3049 unit 1 rework complete		
	3174 "		
	3217 "		
	EC[illegible]3363 add flow elements 1		
	EC[illegible]3013 WP-H067M15		
	Complete ERCW ECNs,PE078		
	Complete lugs&box anchors		
	H067A05 hgr pkg lcc TVA-188		
	H067W02 bulk hgr removal		
	H067A11 instl insp doc&fn hg		
	H[illegible]67C10 hgr pkg ERCW		
	H[illegible]C02 noncode wld hgrs		
	H[illegible]06 noncode wld hgrs		
	H06[illegible]07 hgrs w/code welds		
	H067C11 hgr pkg ERCW		
	H067C12 hgr pkg ERCW		
	H067C0[illegible] R41 noncode hgrs		
	H067C13 hgr pkg ERCW		
	H067F[illegible] hgr pkg ERCW		
	H067[illegible]02 hgr pkg ERCW		
	H06[illegible]08 hgr pkg ERCW		
	H06[illegible]01 box anchors		
	H067J[illegible]2 hgr pkg ERCW		
	H067K03 hgr pkg ERCW		
	H067M15 box anchor		
	H067A20 lugs hgrs ERCW		

continued attached page

X673.2

OPEN CONST PACKAGES - X-67(3)

H067A01 hgp pkg lcc TVa-18B
H067C14 71 2H hgrs ERCW
H067H06 hgr pkg ERCW
H067M14 instl SS hgrs
H067P01 hgr pkg ERCW
H067P03 hgr pkg ERCW
H067A19 instl&insp doc B [illegible]
H067M16 hgr rewrk ECN3174
Complete box anchors & lu[illegible]
H067G02 hgr pkg ERCW
H067J04 hgr pkg ERCW
H067M02 hgr pkg boundary M
H067P02 hgr pkg ERCW
H067W01 bulk hgr removal
H067A04 hgr pkg lcc TVA18B
H067A06 hgp pkg lcc TVA18B
H067A02 hgp pkg lcc TVA18B
H067A03 hg[illegible] pkg lcc TVA18B
H067C03 non code wld hgrs
H067C04 noncode wld hgrs
H067C05 noncode weld hgrs
H067D02 hgr pkg ERCW
H067F05 hgr pkg ERCW
H067G04 hgr pkg ERCW
H067G05 hgr pkg ERCW
H067G07 hgr pkg ERCW
H067G09 hgr pkg ERCW
H067G10 hgr pkg ERCW
H067G11 hgr pkg ERCW
H067G12 hgr pkg ERCW
H067H01 hgr pkg ERCW
H067H05 hgr pkg ERCW
H067H07 hgr pkg ERCW
H067H08 hgr pkg ERCW
H067H09 instl insp doc hgr
H067A13 hgrs F RM A ECN2756
H067A15 hgrs F RM C ECN2756
H067A16 hgrs F RM D ECN2756
H067J03 hgr pkg ERCW
H067J05 hgr pkg ERCW
H067J06 hgr pkg ERCW
H067A18 hgrs CS to SS 3217
H067K01 hgr [illegible] ERCW
H067K02 hgr pkg ERCW
H067K04 hgr pkg ERCW
H067M12 hgr pkg ERCW
H067M01 dead load supports
H067M13 rewrk hgrs CS to SS
H067N03 hgr pkg ERCW
H067P04 hgr pkg ERCW
H067P05 hgr pkg ERCW
H067Q01 hgr pkg ERCW
H067Q02 hgr pkg ERCW

H067M17 instl hgrs ECN3174
H067G06 hgr pkg ERCW
H067K05 box anchors
H067J07 hgr pkg ERCW
ECN3486 DC ERCW hgrs 1
H067C09 hgr pkg ERCW
H067H11 hgr pkg ERCW
I067D02 instl lines 329B PNL
I067A06 reinstall sense line
I067A07 reinstal sense lines
I067D05 recut sense lines
I067M03 ECN3363 pnls,instr
I067F01 instl TIs&CVs AB
I067E01 TIs,sns lns,hyd&flu
Cal instr X67(14) I67F T-18B
Cal instr X67(15) I67E T-18B
Insulate supply lines Cb&AB
Insulate supply lines CB&AB
M067F01 chng CS&SS chls 1A&B
M067H04 BA&AFW pmp clrs 2756
M067H03 spent fuel pit coolr
M067K01 sub headers U-2
M067M02 CS to SS EBR chiller
M067M06 elec BR chlr chngout
M067M05 sta air comp chngout(ECN3363)
M067J05 centrif&rech pmp clr
M067J06 SIS CVC pmp rm clr
M067J07 CCW & AFW cool chngout
M067D05 sdbr&mcr A-A
M067J02 CCW&AFW cool chngout
M067J03 charg pmp rm chngout

M067E04 sbr[illegible] chlr chngout

M067H02 emer gas trt CO 2A&B
MR pipe&fittings

Hydro WP 1595 A-train
M067J03 instl FEs&torque FL
M067M04 flg & flex hose inst
M067K02 misc supports & mod
WP hydro B-train

Punchlist X067(03) TVA-18C
S067M03 flush B train
Work plan 1649 CML
S067M02 flush A train
S067M04 flush stat air comp
Wk plan 1923 rwk 3" pipe
X067(03) TT TVA-18C
ECN 3575 DC revise EQ code 1
AI648 PP supt WPN83-0114-013

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 1983

Transfer Number X-68(4) RCS, W-7.2

Transfer Date March 14, 1983 *

Lead CONST Engr/Insp B. Henry

Design Engineer

Responsible Craft Supervisor Nabors/Gann

	MEU	HEU	WEU	IEU	EEU	CEU	MQC	HQC	WQC	IQC	EQC	CQC	NUC PR
Punchlist * Items		1		6	66			1		6	66		
Eng Duration (Days)/after 1-15-83:	22	17		40	13		2.5	6		28	6		16
Eng Man-hours	160	375		1300	80		40	45		900	45		

Long Path Instrumentation Unit: IEU

Total Engr Man-hours 2945

	ELEC	SP	HF	IF	IE	CARP	MW	IW	LBR	OP	PA	SM	CM	BM
Duration (Days)/after 2-14-83:			39				4							10
Craft Man-hours		-883	2900	-257	-251		200							840

Long Path 39

Craft HF

Total Craft Man-hours 3940

Comments: ECN 2891 completion date of 03/20/83 will not meet transfer date

	Description	Completion Date
Material Restraints		
Action Items	613 IEU	
	(need by 02/28/83)	
	636 (NCR 4592R) HEU	
	645 (DIR H-53) HEU	03/20/83
Open ECNs	2891 (FL) HEU	03/30/83
	3474 (FL) OWIL HEU	02/15/83
	3549 (FL) OWIL HEU	04/08/83
	3622 (FL) HEU	
	4181 (FL)	
	3608 (FL)	03/31/83
	3621 (FL)	03/31/83
	3434 (FL) HEU	01/26/83

	Description	Completion Date
EN DES Restraints	H-053	
	Endes to reanalyze pipe for 5 hangers in reactor cavity-ref. 47A465-1-23, -1-28 (AIL 645)	02/15/83
	hold H-89 (34 hangers affected ECN 2891 and 3474)	03/30/83
Open NCRs	3159R	C: 02/01/83
	4106R	C: 02/01/83
	4130R IEU	C:
	4392R HEU 47A465-3-25	C:
	4525R HEU	D: 02/15/83
	4575R HEU	C:
	4576R WEU	
	4592R MEU	D:
	4620R HEU	

X6845

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 1983

ansfer Number X-68(4)

Total Punchlist *Hours

Comments:

	Description	M/H	Completion Date
Open IRNs	CTB-2 1-2PM-68-517-D		
	1-2PM-68-518-D		
	term wrong		
	at pent 1-Pent-293-38D		
Packages additions & "F" Attachments	E068A57 WR# 7251 repull wrong cable,term cbl,splice cbl-inst	32	02/16/83
Open Work Releases	2849,3079,4376,6089,6267,6280,6892,6508, 7201,7251		
Open CONST Packages	1985		03/14/83
	2169		03/14/83
	2329		03/14/83
	3306		03/14/83
	3549		04/08/83
	3696 awaiting dwg issue		
	ECN 3622 DC hgr FCRs 1		
----	2891 34 hgrs affd,dwg not iss, H068B15		01/30/83
10 hgrs	3474 3 hgrs affd,dwg not iss		02/15/83
craft wrking	ECN3357 WP-H068C02		
F hgrs	ECN3298 ADD 6.9KV bkr 219		
insp/eng	ECN3666 revise nameplate		
update only	ECN2834 rework hgrs		
IF	E068A56 conduit (E)		
needed from	E068A57 cable (I)		
EN DES	E068A11 PC&term (I)		
	E068A21 PC&term (I)		
	E068A31 PC&term (I)		
	E068A41 PC&term (I)		
	EEU checkout		
	AI645 ref 47W465-1 eng hgr		
	H068A22 instl hgrs RTD2 (D)		
	H068A43 19hgrs RB1 (D)		
	H068A44 hgrs RB1 (D)		
	H068A60 hgrs RPV cavity (D)		
	H068A61 hgrs RPV cavity (FCRs) (D)		
	H068A66 hgr pkg X068(4) (D)		

	Description	M/H	Completion Date
Open CONST Packages	H068B04 hgrs X068(04) (FCRs)(D)		
	H068B06 hgrs X068(04) (D)		
	I068A40 senseline RTD loop (I)		
	I068A10 instl senselines L1(E)		
	I068A30 instl senselines L3(I)		
	I068A20 instl senselines L2(I)		
	Cal instr & lp 4		
	Cal instr & lp 2		
	Cal instr & lps		
	Cal instr & lp 1		
	Cal instr & lps		
	Cal instr & lp 3		
	AI636 NCR4592 RCS thermowell		
	M068F26 drn&refill vessel		
	M068F25 ins air flt stm gen(S)		
	Instl mirror insulation S-68		
	M068F27 ins sg clm spt bolts(W)		
	ECN2891-H068B15 ins hgrs for ECNs		

TRANSFERS REQUIRED TO SUPPORT RFT

Issue Date February 28, 1983

Transfer Number X-68(11), RCS, W-1.1 Transfer Date April 22, 1983

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

	MEU	HEU	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.

	Description	Completion Date
Material Restraints		
Action Items	630 (ECN 3527)	
Open ECNs	3018	02/07/83
	3481	03/31/83
	3527 (AIL 630) Sch del 02/28/83	04/29/83

	Description	Completion Date
EN DES Restraints		
Open NCRs		

X6811E

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 2[illegible], 1983

Transfer Number X-68(11)

Total Punchlist *Hours

Comments:

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

	Description	M/H	Completion Date
Open Work Releases			
Open CONST Packages	ECN3527 qualify relf va 31T		
	Walkdown X068(11)		
	AI630 ECN3527 PCV-68-334A		
	E068A51 remaining elect work		
	E068A59 install conduit		
	E068A58 pull&term cable		
	EEU ckout		
	H068C02 install 3 hgrs		
	H068C03 install 3 hgrs		
	H068C01 install 3 hgrs		
	I068A61 instl instr & lp ck		
	I068A50 instr&S lines		
	M068A86 modify press taps		
	Install mirror insulation		
	[illegible]068A02 mod loop drain 3527		
	[illegible]068A01 rewk relief vlv 3527		
	[illegible]68A03 mod inlet porv 3527		

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 1983

Transfer Number X-68(12), W-11.1, W-11.2

Transfer Date April 22, 1983 *

Lead CONST Engr/Insp S. Beaver

Design Engineer

Responsible Craft Supervisor Nabors/Gann

	MEU	MEU	MEU	IEU	EEU	CEU	MQC	HQC	WQC	IQC	EQC	CQC	NIC FR	
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	TW	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. Determine who will fill capillary tubing associated with reactor vessel level indicating system - Westinghouse or TVA?

Description	Completion Date	Description	Completion Date

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 1983

Transfer Number X-68(12)

Total Punchlist *Hours

Comments:

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

	Description	M/H	Completion Date
Open Work Releases			
Open CONST Packages	ECN 3018 DC piping-FCR rev 1		
	ECN 3693 DC revise PP dwgs 1		
	Walkdown X068(12)		
	E068A81 conduit ECN 2329		
	added 60 MHs for IE		
	E068A82 cable ECN 2329		
	EEU ckout		
	H068D03 install hgrs		
	H068D01 install hgrs		
	Punchlist X068(12)		
	S068A08 flush RCS vent PP		

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 1983

Transfer Number X-77(7)

Total Punchlist *Hours

Comments:

	Description	M/H	Completion Date
Open IRNs	RJN-144 O-JB-292-4381		
	Duplicate JB presently in program		
PKG Additions and "F" Attachments			

	Description	M/H	Completion Date
Open Work Releases			
Open CONST Packages	3145, to be completed after fuel load. This ECN installs a 2" vlv in 2" primary makeup water flush line, astrisk removed.		
	Insulate sys 77 HT		

X777.2

Issue Date February 28, 1983

TRANSFERS REQUIRED TO SUPPORT HFT

Transfer Number X-78(1) Fuel handling, W-6.1(2)

Transfer Date February 28, 1983

Lead CONST Engr/Insp J. Jones

Design Engineer

Responsible Craft Supervisor M. Jones

	MEU	WEU	WZU	IEU	EEU	CEU	MQC	HQC	WQC	IQC	EQC	CQC	NUC PR
Punchlist * Items	13				32		13				32		
Eng Duration (Days)/after 2-16-83	7				7		7		7				
Eng Man-hours	40				200		20		20				

Long Path: MEU/EEU ckout Unit: EE

Total Engr Man-hours: 280

	ELEC	SF	HF	IF	IE	CARP	MW	IW	LBR	OP	PA	SM	CM	BM
Duration (Days)/after 2-14-83							1							
Craft Man-hours					-757		49							

Long Path: 1 day Craft: MW

Total Craft Man-hours: 49

Comments: 1. Intermediate walkthru held 02/25/83.
2. Functional test to begin 02/28/83.
3. EEU requires 5 additional days for wiring checkouts.

	Description	Completion Date
Material Restraints		
Action Items		
Open ECNs		

	Description	Completion Date
EN DES Restraints		
Open NCRs	4573R MEUC	D:
	4618R (tracking) MEUC	

X78IE

Issue Date February 28, 1983

TRANSFERS REQUIRED TO SUPPORT HFT

Transfer Number X-78(1)

Total Punchlist *Hours

Comments: FCN 10632, 10633, [illegible] fuel bridge crane.

	Description	M/H	Completion Date
P/L items 93-96 added D2/09/83.	CRH-64, need permanent location for 1-SW-78-1 and 2-SW-78-1		
Open IRNs			
PKG Additions and "F" Attachments	Work pkg M078B01: modification of fuel transfer system per ECN 2916,80% comp.(W)		
	M078A02: replace nuts,bolts,& washers on fuel transfer car & track. Complete except for bolting car together (W)		

	Description	M/H	Completion Date
Open Work Releases			
Open CONST Packages	Fuel transfer system: replacement of air motor w/ elec gear motor, replace drive sprockets.		
	W FDRs WATH-10178/WBTH-10097: track retaining bolts tack welded in place using washers: WATH-10126: mod elec cable guide assemblies 1010[illegible]: mod fuel transfer sys		
	E07[illegible] instl equip ECN2916(W):		
	E078A04 PC&T (C)		
	E078B03 instl & doc CND 2916(E)		
	E078A03 CND xfer CNL (I)		
	EEU ckout xfer CNL		
	EEU ckout ECN2916		
	A1339 drwg sp fuel CRN PE119		
	MR misc parts & fittings		
	M078A[illegible]7 fuel xfer canal (W)		
	M078B[illegible] remove equip ECN2916(W)		
	M078A10 misc fuel hndlng TLS(W)		

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 1983

Transfer Number X-84(1), Flood Mode Boration Makeup, TVA-51 Transfer Date May 2, 1983

Lead CONST Engr/Insp B. Huffaker Design Engineer _____ Responsible Craft Supervisor Mabora/Conn

	MEU	HEU	WEU	IEU	EEU	CEU	MQC	HQC	WQC	IQC	EQC	CQC	NUC PR	
Punchlist * Items	3	4		2				4		2				Long Path: Unit:
Eng Duration (Days) after 2-24-83	11	60		5										Total Engr Man-hours:
Eng Man-hours	40	3250		20										

	ELEC	SF	HF	IF	IE	CARP	MW	IW	LBR	OP	PA	SM	CM	BM	
Duration (Days)/after 2-14-83	5														Long Path: 5 Craft: Elec
Craft Man-hours	24		-377												Total Craft Man-hours: 24

Comments: Intermediate walkthru held 02/25/83.

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 1983

Transfer Number X-84(1)

Total Punchlist *Hours

Comments:

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

	Description	M/H	Completion Date
Open Work Releases			
Open CONST Packages	Inspect&test sys 84 C1		
	H084A11 hgrs X084(01)		
	H084A01 hem anchors T-51		
	H084A02 hgrs TVA51		
	H084A04 hgrs TVA51		
	H084A03 hgrs TVA51		
	P084H01 mech punch X084(01)		
	Punchlist X084(01)		
	S084A02 flush sys TVA51		

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 1983

Transfer Number X-90(1), Radiation Monitoring, TVA-32A Transfer Date May 9, 1983

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

	PEU	MEU	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	CARP	MW	TW	LBP	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-90(1)

Total Punchlist *Hours

Comments:

	Description	M/M	Completion Date
Open TRNs			
PKG Additions and "p" Attachments			

	Description	M/M	Completion Date
Open Work Releases			
Open CONST Packages	ECN2338 ONTMT RD MNTR 140 1		
	Walkdown X093(01)		
	E090A01 conduit AB TVA31A&B		
	E090H04 AB cond for PASR		
	E090C01 PC&T RP TVA31A&B 32A		
	E090H05 cable for PASR-ECNS		
	E090B01 inst EQ TVA31A&B 32A		
	E090H03 TB cond for PASR		
	E090C02 PC&term TVA31A&B 32A		
	EEU chout TVA 32-A		
	A1643 ECN2593 vendor dwgs		
	I090D10 inst sense line T32A		
	I090D11 inst sense line T32A		
	I090D02 instl instruments		
	I090D03 install sense T32A		
	I090D04 install sense T32A		
	I090D05 install sense T32A		
	I090D06 install sense T32A		
	I090D07 install sense T32A		
	I090D08 install sense T32A		
	I090D15 ECN2142		
	I090D12 instl monitor		
	I090D14 radiation element 14		
	I090D13 instl monitor		
	I090D09 pneu test TVA 32A		
	Cal instr A lpe X90(1) T-32A		

TRANSFERS REQUIRED TO SUPPORT HPT

Issue Date February 28, 1983

Transfer Number X-90(2), Rad Monit, TVA-31A

Transfer Date February 21, 1983

Lead CONST Engr/Insp B. Forsten

Design Engineer

Responsible Craft Supervisor Nabors/Gann

	MEU	HEU	WEU	IEU	EEU	CEU	HQC	HQC	WQC	IQC	EQC	CQC	NUC PR	
Punchlist * Items				29						29			12	
Eng Duration (Days) after 1-15-83				15						25			11	
Eng Man-hours			8	250						1332				

Long Path: IOS, Unknown

Total Engr Man-hours: 1590

	ELEC	SF	HF	IF	IE	CARP	MW	IW	LBR	OP	PA	SH	CM	BM
Duration (Days)/after 2-14-83														
Craft Man-hours				-633	-10									

Long Path: Craft: IF

Total Craft Man-hours:

Comments: Determine if NRC concern will affect transfer (radiation cabinet).

	Description	Completion Date
Material Restraints		
Action Items		
Open ECNs	3313 (after FL 1) all dwgs issued	02/15/83

	Description	Completion Date
EN DES Restraints		
Open NCRs		

X902E

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 25, 1983

Transfer Number X-90(2)

Total Punchlist *Hours

Comments: Need 8 hydro and flush test packages.
Intermediate punchlist added 24 items-192 MHs.

	Description	M/H	Completion Date
Open IRNs	SPR-89		
	PSF-8		
	I-SPR-107, IOS		
	I-SPR-106, IOS		

	Description	M/H	Completion Date
Open Work Releases			
Open CONST Packages	I090E10 install flow SW (W)		
	I090E11 rework senselines (I)		
	I090E13 rework senselines (I)		
	I090E01 instl tubing&flow SW(I)		
	I090E02 instl tubing&flow SW(I)		
	I090E04 instl tubing&flow SW(I)		
	I090E07 hydro & flush (I)		
	I090E12 rework senselines (I)		
	A1440 variances 478001 hng 8		
	I090E03 instl tubing&flow SW(H)		
	Cal instr & lps X90(2) T-31A		
	P/L item #33	64	02/07/83
	P/L item #38	32	02/10/83

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

TRANSFERS REQUIRED TO SUPPORT HPT

Issue Date February 28, 1983

Transfer Number X-90(3), Rad Monit, TVA-31B

Transfer Date March 7, 1983

Lead CONST Engr/Insp B. Forsten

Design Engineer

Responsible Craft Supervisor Nabors/Gann

	HEU	HKU	WKU	IEU	EEU	CEU	MQC	RQC	WQC	IQC	EQC	CQC	NUC PN	
Punchlist * Items				39	2					1	2		1	
Eng Duration (Days)/after 1-15-83				28	10					30	1		18	Long Path: IOS/Testing Unit:IQ
Eng Man-hours			14	350	200					1018	2			Total Engr Man-hours: 1534

	ELEC	SF	HF	IF	IE	CARP	MW	IW	LBR	OP	PA	SM	CM	BM	
Duration (Days)/after 2-14-83															Long Path: Craft:
Craft Man-hours				-748	-119										Total Craft Man-hours:

Comments: Determine if NRC concern will affect transfer (radiation cabinet)

	Description	Completion Date
Material Restraints	need 6 spring cans for engineered hangers (IEU)	
Action Items		
Open ECNs	3096 IEU (after FL 1)	02/28/83
	3313 (after FL 1) complete	02/15/83
	2104 IEU	03/07/83

	Description	Completion Date
EN DES Restraints		
Open NCRs	4587 not rec'd by EN DES	D:
	8135 WBN-EEB review cycle	D:

X903E

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 1983

Transfer Number X-90(3)

Total Punchlist *Hours

Comments: All estimated c· ·st man-hours have been expended.

	Description	M/H	Completion Date
Open IRNs			UK
PKG Additions and "F" Attachments	I090F03 (W)		

	Description	M/H	Completion Date
Open Work Releases	6960 EEU		
	6964 IEU		
	6971 IEU		
	7093 IEU		
	7094 IEJ		
Open CONST Packages	2104 major restraints on dvgs for rigorously analyzed sample lines & eng hgrs		Xfer date
	ECN3592 replace solenoid val		
	I090F01 pc&term TVA-31B (C)		
	I090F05 fab&instl hgr AB (I)		
	I090F08 fab&instl hgr accum(M)		
	I090F26 samp netwk RB vnt SK(I)		
	I090F27 remove senselines (I)		
	I090F18 remove1"S.L.SET1L398(H)		
	I090F15 rel rad mon inst pnl(I)		
	I090F17 instl ense in S L398(W)		
	I 90F24 pneumatic check		
	I0 F03 inst sense,C vlv,dis(W)		
	I0 F06 fab&instl hgr annus(W)		
	I09 21 pneumatic test		
	I090F70 instl instrs M306M31		
	Cal instr &lps X90(3) T-31B		
	I090F19 functional check		

TRANSFERS REQUIRED TO SUPPORT HFT

Issue Date February 28, 1983

Transfer Number X-90(4), Rad Monit, TVA 31C

Transfer Date February 14, 1983

Lead CONST Engr/Insp B. Forsten

Design Engineer

Responsible Craft Supervisor Mabors/Gann

	MEU	HEU	WEU	IEU	EEU	CEU	MQC	HQC	WQC	IQC	FQC	CQC	NUC PR	
Punchlist * Items														
Eng Duration (Days)/ fter 1-15-83:				14	1					16			6	Long Path: IOS Inspections Unit:IE
Eng Man-hours			8	130	8					274				Total Engr Man-hours: 412

	ELEC	SF	MF	IF	IE	CARP	MW	IW	LBR	OP	PA	SM	CM	BM	
Duration (Days) after 2-14-83:															Long Path: Craft:
Craft Man-hours															Total Craft Man-hours:

Comments: Transfer at NUC PR for approval.