

① SUPERSEOL PSC P6V
50th REV. 50-259/260

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Recovery Plan
BENP
Revised 6/23/76

9/20/76

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UNITED STATES GOVERNMENT

Memorandum

TENNESSEE VALLEY AUTHORITY

Part XIV
Section A
Page 1
Recovery Plan
BFNP

Revised 6/16/75

TO : H. J. Green, Plant Superintendent, Browns Ferry

FROM : C. E. Cantrell, Outage Director, Browns Ferry

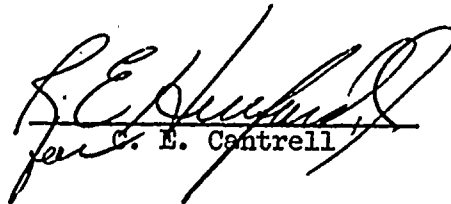
DATE : June 11, 1975

SUBJECT: ADDITIONS TO BROWNS FERRY NUCLEAR PLANT UNITS 1 & 2 OUTAGE WORK LIST

Attached are copies of additions to the work list for units 1 and 2. These pages should be added to your present work list keeping them in the same work area grouping as before i.e.,:

1- 99 Refueling floor items
100-199 Drywell work items
200-299 Reactor building work items
300-399 Turbine generator items
400-499 Turbine building items
500-599 Electrical items
600-699 Restoration items
700- Modification items

Any comments, additions, or deletions to the work lists should be brought to the attention of Earl Hereford at Browns Ferry Nuclear Plant, Pax extension 155 or 156.


C. E. Cantrell

REH:DKG

Attachments

CC: J. R. Calhoun, 702 EB, Chattanooga (2)
C. C. Fussell, 713 EB, Chattanooga (10)
B. A. Gant, Browns Ferry (6)
H. J. Green, Browns Ferry (15)
R. T. Hathcote, Browns Ferry (12)
J. Martin, GE, Browns Ferry (1)
J. E. Nichols, GE, Browns Ferry (10)
H. C. Russell, 423 MIB, Knoxville (6)



Buy U.S. Savings Bonds Regularly on the Payroll Savings Plan

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

HEMP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1 DATE 4/18/75

WORK AREA Refueling Floor

Item No.	Supporting Document (TR, ECH, NCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document			Date	Number of Men/Craft	Number of Shifts			
1	MMI-24	Remove/Install Reactor Cavity Shield Plugs	3	DPP CRBrimer WRTurner	Vendor	NR		Assd.	MMI 24	1 Crane 3 BM	6 hr		Retest SWP Clear	One SWP should cover items 1 through 6. Complete marking off floor.
2	MMI 2	Remove/Install Drywell Head	3	DPP CRBrimer WRTurner	Vendor	NR		Assd.	MMI 2	1 Crane Op 10 BM	12 hr		Retest SWP Clear	
3	MMI 2f	Remove/Install Fuel Pool and Equipment Pool Shield Plugs	3	DPP CRBrimer WRTurner	Vendor	NR		Assd.	MMI 24	1 Crane Op 4 BM	2 hr		Retest SWP Clear	
4	MMI 1	Remove/Install RPV Head Insulation and Other Interference	3	DPP CRBrimer WRTurner	Vendor	NR		Assd.	MMI 1		8 hr		Retest SWP Clear	
5	MMI 1	Remove/Install RPV Head	3	DPP CRBrimer WRTurner	Vendor	NR		Assd.	MMI 1				Retest SWP Clear	Refer to BF7444 (SIL 6).
6	MMI-10	Remove/Install As Necessary Reactor Service Platform	3	DPP CRBrimer WRTurner	Vendor	NR		Assd.	MMI				Retest SWP Clear	



Priority Codes:

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4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BNFP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1 DATE 4/16/75

WORK AREA Refueling Floor

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals Organization Date/Document	Parts/Mat'l Status	Procedure Date	Activity Duration Number of Men/Craft	Number of Shifts	Dates: Start Est. Comp.	Special Requirements	Remarks
0-25 0-26 7	TR FDI 153/ 87,000 175/R7000	Remove Startup Vibration Instrumentation AND DRYER STARTUP TEST INSTRUMENTATION	2	GE/DPP ORBrimer WRTurner	Vendor DED Site		Asnd. Prepd. Appd.	GE/DPP			Retest SWP Clear	Get procedure/tools from GE. This may be GE scope; if not, probably want to contract it. GE MMSO TO EXPEND FUNDING BY 4/1/75. DO WE NEED ECN? WILL REQUIRE 2000 TO EXPEND FUNDING
8	BF74M5 SIL 105	Feedwater Sparger Inspection INCLUDES VISUAL AND DYE PENETRANT INSPECTION OF SPARGER AND VESSEL CLADDING AROUND FEED NECKS. NEED WORK PATTERN SEE ITEM 47	2	GE/DPP CRBrimer WRTurner	Vendor DED Site		Asnd. Prepd. Appd.	GE/DPP			Retest SWP Clear	See NERP item #10. GE TO 1000 PDI BY 4/1/75.
9		Feedwater Sparger Repair See GE letter BF5087 dated February 5, 1974 and reply by D. R. Patterson to GE dated February 26, 1974.	5/2	GE/DPP CRBrimer WRTurner	Vendor DED Site		Asnd. Prepd. Appd.	GE/DPP			Retest SWP Clear	
10		Install Steam Line Plugs	3	DPP CRBrimer WRTurner	Vendor DED Site		Asnd. Prepd. Appd.				Retest SWP Clear	
					Vendor DED Site		Asnd. Prepd. Appd.				Retest SWP Clear	
					Vendor DED Site		Asnd. Prepd. Appd.				Retest SWP Clear	

Priority Codes:

1. Emergency outage.

2. Expected critical path (CP).

3. Must item but not CP.

4. Nice but not must item.

5. Contingency item, plan for

but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT /

OUTAGE PLANNING LIST

6. Do before outage.

7. Do after outage.

REV 1 DATE 4/18/75

WORK AREA REFUEL FUEL

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts	Start. Est. Comp.	End. Est. Comp.		
13		Fuel Shipping (Out of Core)	5		Vendor			Assd.						Retest	NEED PROCEDURE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
14		Fuel Reconstitution		BFNP	Vendor			Assd.						Retest	
				John Studdard	DED			Prepd.						SWP	
				Site		Appd.			Clear						
15		FUEL SHIPPING IS REQUIRED	3	DPP	Vendor			Assd.						Retest	
				John Studdard	DED			Prepd.						SWP	
				Site		Appd.			Clear						
16		Inservice Inspection of Vessel and Head to Flange Welds and Studs, Nuts, Washers and Ligaments	3	DPP	Vendor			Assd.						Retest	
				RHDaniel FWoody	DED			Prepd.						SWP	
				Site		Appd.			Clear						
17		Inservice Inspection of Vessel Internals	3	DPP	Vendor			Assd.						Retest	Include visual inspection of core spray header.
				RHDaniel FWoody	DED			Prepd.						SWP	
				Site		Appd.			Clear						
18	IR LMI SIL 83&97 BF74E19&23	Replacement of Defective Nuclear Instrumentation LPRM's, IRM's, SRM's	3	Chatta/GE	Vendor			Assd.	INT					Retest	May have to replace all LPRM's, need to purchase them and ensure that spares are latest design spares. FIRE REPAIRING OUTAGE. IF ANY HAVE TO BE REPLACED IT WILL HAVE TO BE DONE BEFORE STARTING TO WORK.
				CRBrimer WRTurner	DED			Prepd.						SWP	
				Site		Appd.			Clear						



Priority Codes:

1. Emergency outage.

2. Expected critical path (CP).

3. Must item but not CP.

4. Nice but not must item.

5. Contingency item, plan for

but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.

7. Do after outage.

REV _____ DATE _____

WORK AREA Refueling Floor

Item No.	Supporting Document (IR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
19					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
20		Recirculation Jet Pump visual Inspection	3	Chatta	Vendor			Assd.				Retest	
				CRBrimer WRTurner	DED			Prepd.				SWP	
					Site			Appd.				Clear	
21		Recirculation Jet Pump Repair	5/3	Chatta	Vendor			Assd.				Retest	
				CRBrimer WRTurner	DED			Prepd.				SWP	
					Site			Appd.				Clear	
22		Fuel Channel Inspection See letter from GE to N. B. Hughes, dated May 15, 1974. Should have BFNP's report in one month.	3	BFNP	Vendor			Assd.				Retest	Work with nuclear section to establish criteria and inspection procedure and OPS to perform inspection.
				TBragg	DED			Prepd.				SWP	
					Site			Appd.				Clear	
23		Fuel Channel Change Out	5/2	GE/BFNP	Vendor			Assd.				Retest	Resolve question of 100 vs 80 mil channel (see item 22).
				John Studdard	DED			Prepd.				SWP	
					Site			Appd.				Clear	
24		Steam Line Plug Removal	3	Chatta	Vendor			Assd.				Retest	
				CRBrimer WRTurner	DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Emergency outage.

2. Expected critical path (CP).

3. Must item but not CP.

4. Nice but not must item.

5. Contingency item, plan for

but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.

7. Do after outage.

REV 1 DATE 4/18/75

WORK AREA Refueling Floor

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
25		Decontamination of ZENOL CAVITY, ZENOL PUMP, ETC.	3	Chatta	Vendor			Assd.				Retest	
				CRBrimer WRTurner	DED			Prepd.				SWP	
					Site			Appd.				Clear	
26	LHD63 SIL - 13 MCR	Install Seal on Dryer/Sep Pool	1	Chatta	Vendor			Assd.				Retest	Try to do before the refueling outage. CEC following design and procurement of seal.
				CRBrimer WRTurner	DED			Prepd.				SWP	
					Site			Appd.				Clear	
27		Install New Hook on Rx Overhead Crane	6	DEC	Vendor			Assd.				Retest	Started 1/13/75.
				DJent	DED			Prepd.				SWP	
					Site			Appd.				Clear	
0-26 28 ✓	FDI 175/ 87,000	Inspect Steam Dryer for Cracks NERP Item: 80.	3	DPP	Vendor			Assd.				Retest	
				RHDaniel FGWoody	DED			Prepd.				SWP	
					Site			Appd.				Clear	
29		Core Verification	3	BFNP	Vendor			Assd.				Retest	
				TBragg	DED			Prepd.				SWP	
					Site			Appd.				Clear	
30		Remove/Reinstall Studs in Line with Fuel Pool	3	Chatta	Vendor			Assd.				Retest	
				CRBrimer WRTurner	DED			Prepd.				SWP	
					Site			Appd.				Clear	



Priority Codes:

- 1. Emergency outage.
- 2. Expected critical path (CP).
- 3. Most item but not CP.
- 4. Nice but not must item.
- 5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

NERP UNIT 1
OUTAGE PLANNING LIST

- 6. Do before outage.
- 7. Do after outage.

REV 1 DATE 4/16/75

WORK AREA Refueling Floor

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals Organization Date/Document	Parts/Status	Procedure Date	Activity Duration Number of Men/Craft	Number of Shifts	Start Date Est. Comp.	Special Requirements	Remarks
31		Hydro RPV	2	Chatta/BFNP	Vendor		Assd.				Retest	
				HMGarland	DED		Prepd				SWP	
				J. Studdard	Site		Appd.				Clear	
32	MCR - 528 BF74M28 SIL 109	Modify Refueling Platform Hook to Provide Positive Indication. See letter from D. R. Patterson to Mr. Bankus (GE) dated May 3, 1974.	3	DEC	Vendor		Assd.				Retest	See NERP item 138.
					DED		Prepd				SWP	
					Site		Appd.				Clear	
33		Inspect 20 Drywell Holddown Bolts in accordance with JEG. to Moseley's letter dated April 17, 1974, WRT DRO Bulletin 74-3.	3	Chatta	Vendor		Assd.				Retest	
				RHDaniel	DED		Prepd				SWP	
				FGWoody	Site		Appd.				Clear	
34		Install/Remove as Necessary Cattle Shute Shield	3		Vendor		Assd.				Retest	
				CRBrimer	DED		Prepd				SWP	
				WRTurner	Site		Appd.				Clear	
				G.L.Messer								
35	BF74M2	Remove/Replace Steam Dryer and Separator	3	DPP	Vendor		Assd.	MMI 3			Retest	Refer to BF74M2 (SIL 35)
					DED		Prepd				SWP	
				G.L.Messer	Site		Appd.				Clear	
36	TR- SIL 14	Remove vessel wall dosimeters	3	Chatta	Vendor		Assd.				Retest	DDRandolph to ensure arrangements are made. REFUELING OUTAGE
				CRBrimer	DED		Prepd				SWP	
				WRTurner	Site	N.R.	Appd.				Clear	

Priority Codes:

1. Emergency outage.

2. Expected critical path (CP).

3. Most item but not CP.

4. Nice but not must item.

5. Contingency item, plan for

but don't expect to do.

TENNESSEE VALLEY AUTHORITY:

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.

7. Do after outage.

REV 1 DATE 4/11/75

WORK AREA Refueling Floor

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
37		Change out defective TIPS and cables	3	BFNP JPittman	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
38		Inspect fuel bundle locking tab washers on discharged fuel. JACoffey to HJGreen - 4SD dated 8/22/74.	3	BFNP Operations	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
39	TR21629 BF74E17 SIL 86 MCR -	Install screens over reactor cavity drains, equipment pool.	4		Vendor			Assd.						Retest	CEC following up.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
40		Rebuild RPV head stud tensioner prior to refueling outage.	6	BFNP WARoberts	Vendor			Assd.						Retest	Fabricate test stand to test tensioner at pressure.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
41	N74M15	Inspect reactor building overhead crane in accordance with DFM N74M15.	6	BFNP WARoberts	Vendor			Assd.						Retest	See NERP item 13. A crane crew is being established to conduct these inspections.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
42					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Miss item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST:

6. Do before outage.
7. Do after outage.

REV 1 DATE 4/18/75

WORK AREA Refueling Floor

Item No.	Supporting Documents (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts			
43	TR-BF73M16	Change out cast aluminum blade guide assembly handles with stainless-steel type..	6	BFNP WARoberts	Vendor			Assd.					Retest	Tony Vest says Rudy Alexander to give us quote within 2 weeks. 1/15/75 REH to follow up on order See NERP item 155
					DED			Prepd.					SNP	
					Site			Appd.					Clear	
44	MCR	Make various modifications to the service platform.	6	BFNP WARoberts	Vendor			Assd.					Retest	Need MCR
					DED			Prepd.					SNP	
					Site			Appd.					Clear	
45	MCR	Modify dryer and separator strong back operating cylinder	6	BFNP WARoberts	Vendor			Assd.					Retest	Need MCR: Order kits.
					DED			Prepd.					SNP	
					Site			Appd.					Clear	
46		Fabricate work platform for inspecting F.W. Sparger Expect about a 1 REM/Hr field	2	Chatta R. Brimer	Vendor			Assd.					Retest	Tony Vest to provide sketch for I platform.
					DED			Prepd.					SNP	
					Site			Appd.					Clear	
47	DPM BF75M3 MMI-46	Clean refueling floor, floor, walls and overhead crane	3	DPP Chatta	Vendor			Assd.					Retest	
					DED			Prepd.					SNP	
					Site			Appd.					Clear	
48	DPM BF75M3 MMI-46	Clean spent fuel storage pool	3	DPP Chatta	Vendor			Assd.					Retest	
					DED			Prepd.					SNP	
					Site			Appd.					Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.

4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1A

DATE 6/2/75

WORK AREA

Item No.	Supporting Document (TR, ECM, MCR)	Description	Priority	Division/Person Responsible	Approvals			Procedure	Activity	Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document	Parts/Int'l Status						
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
50	MCR-538	Make modifications to ensure refueling platform alignment IAW SIL 122	4	BFNP	Vendor			Assd.		3M	2	Retest	
					DED			Prepd.				SWP	
				MWH	Site			Appd.				Clear	
51	MCR 602	Drill nut & install pin in rapple lock nut on refueling platform IAW SIL 120	4	BFNP	Vendor			Assd.		2M	1/2	Retest	
					DED			Prepd.				SWP	
				MWH	Site			Appd.				Clear	
52	MCR-640	Install rapple hook locking tab on refueling platform IAW SIL 125	4	BFNP	Vendor			Assd.		2M	1/2	Retest	
					DED			Prepd.				SWP	
				MWH	Site			Appd.				Clear	
53	TR	Repair 3-way air valve on refueling platform	3	BFNP	Vendor			Assd.		2F	1/2	Retest	
					DED			Prepd.				SWP	
				MWH	Site			Appd.				Clear	
54	TR	Install and test electrical cards on refueling platform control circuit.	3	BFNP	Vendor			Assd.		2E	1/2	Retest	
					DED			Prepd.				SWP	
				TAC	Site			Appd.				Clear	

Priority Codes:

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but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.

7. Do after outage.

REV 1A DATE 6-8-75

WORK AREA Refueling Floor

Item No.	Supporting Document (TR, ECH, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document		Date	Number of Men/Craft	Number of Shifts			
55	TR 28252	Repair bad depth indicator on refueling platform	3	BFNP	Vendor			Assd.	2E	2		Retest	Need new cable
				TAC	DED			Prepd.				SWP	
					Site			Appd.				Clear	
56	TR 28253	Replace X, Y axis selsyn position indicator on refueling platform	3	BFNP	Vendor			Assd.	2E	1		Retest	Need new selsyn
				TAC	DED			Prepd.				SWP	
					Site			Appd.				Clear	
57	TR 28254	Repair air compressor leak on refueling platform	3	BFNP	Vendor			Assd.	2F	1		Retest	Complete
				MWH	DED			Prepd.				SWP	
					Site			Appd.				Clear	
58	TR 28255	Replace & test tachometer generator on refueling platform	3	BFNP	Vendor			Assd.	2E	1/2		Retest	
				TAC	DED			Prepd.				SWP	
					Site			Appd.				Clear	
59	TR 28256	Replace various cannon plugs that are missing on refueling platform	3	BFNP	Vendor			Assd.	2E	1/2		Retest	
				TAC	DED			Prepd.				SWP	
					Site			Appd.				Clear	
60	TR 28257	Inspect refueling platform power cable for damage. Check power cable harness for proper position & operation	3	BFNP	Vendor			Assd.	2E	1/2		Retest	
				TAC	DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

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2. Expected critical path (CP).
3. Must item but not CP.

4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1A DATE 6-8-75

WORK AREA Refueling Floor

Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals			Procedure	Activity	Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document	Parts/Mat'l Status						
61	TR28258	Replace grapple hose roller guide on refueling platform	3	BFNP	Vendor			Assd.		2M	1/2	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
62	TR28259	Terminate lefted control wires on refueling platform	3	BFNP	Vendor			Assd.		2E	1/2	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
63	TR28260	Locate, replace & check out the control cabinet for the U-1 refueling platform	3	BFNP	Vendor			Assd.		2E	2	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
64	TR28261	Replace the fast up limit switch on U-1 refueling platform	3	BFNP	Vendor			Assd.		2E	1/2	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
65A 65		Obtain blade guides peach-bottom Obtain blade guides from GE		OD/RGM	Vendor			Assd.	5/29			Retest	
					DED			Prepd.	6/10			SWP	
					Site			Appd.				Clear	
66		Program implemented to prevent inadvertent travel of crane over spent fuel pool		DPP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.

4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFEP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1A DATE 6-8-75

WORK AREA Refueling Floor

Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/ Person Responsible	Approvals			Procedure	Activity	Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/ Document	Parts/Mat'l Status						
67		Obtain socket for channel fastener ,	3	EFNP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
68		Procure electric hoist for Carosel & check out tensioners	3	DFP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
69		Complete refuel floor lay-down drawing		DFP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
70		Reactor building crane aux. hook 125 % test	3	EFNP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
71		Review and update refuel floor procedures	3	DFP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
72		Inventory and checkout if possible all refuel floor tools and equipment	3	DFP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



Priority Codes:

1. Emergency outage.

2. Expected critical path (CP).

3. Must item but not CP.

4. Nice but not must item.

5. Contingency item, plan for

but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DPP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.

7. Do after outage.

REV 1A DATE 6-8-75

WORK AREA Refueling Floor

Item No.	Supporting Document (IR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals Organization Date/Document	Parts/Mat'l Status	Procedure Date	Activity Duration Number of Men/Craft	Dates: Start Est. Comp. Number of Shifts	Special Requirements	Remarks
73					Vendor		Assd.			Retest	
					DED		Prepd.			SWP	
					Site		Appd.			Clear	
74		Complete preop T-5 on Unit 3	3	IEC	Vendor		Assd.			Retest	
					DED		Prepd.			SWP	
					Site		Appd.			Clear	
75		Complete preop T-20 on unit 3	3	IEC	Vendor		Assd.			Retest	
					DED		Prepd.			SWP	
					Site		Appd.			Clear	
76		Remove temporary wall between unit 2 and unit 3	2	IEC	Vendor		Assd.		1 wk solid 21/24	Retest	
					DED		Prepd.			SWP	
					Site		Appd.			Clear	
77		Remove unit 3 RPV head	2	DPP	Vendor		Assd.		1/8	Retest	
					DED		Prepd.			SWP	
				OD	Site		Appd.			Clear	
78		Install unit 3 drywell head	2	DPP	Vendor		Assd.		3/8	Retest	
					DED		Prepd.			SWP	
				OD	Site		Appd.			Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

**UNIT 1
OUTAGE PLANNING LIST**

6. Do before outage.
7. Do after outage.

REV 1A DATE 6-8-75

WORK AREA Refueling Floor

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Procedure	Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document					
79		Outdown temporary crane in unit 3	2	DEC	Vendor		Assd.	8/8		Retest	
					DED		Prepd.			SWP	
					Site		Appd.			Clear	
80		Use overhead crane to remove temporary crane	2		Vendor		Assd.			Retest	
					DED		Prepd.			SWP	
					Site		Appd.			Clear	
81		Build air tight enclosure around temporary crane tracks	2	DEC	Vendor		Assd.	4hrs		Retest	
					DED		Prepd.			SWP	
					Site		Appd.			Clear	
82		Remove temporary crane track	2	DEC	Vendor		Assd.	2/8		Retest	
					DED		Prepd.			SWP	
					Site		Appd.			Clear	
83	WP	Remove all items in U-3 requiring the use of the 125 ton hook	2	DEC/DFP	Vendor		Assd.	6/12		Retest	
					DED		Prepd.			SWP	
					Site		Appd.			Clear	
84		Complete final cleanup of U-3	2	DEC	Vendor		Assd.			Retest	
					DED		Prepd.			SWP	
					Site		Appd.			Clear	

Priority Codes:

1. Emergency outage.

2. Expected critical path (CP).

3. Must item but not CP.

4. Nice but not must item.

5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.

7. Do after outage.

REV 1A DATE 6-8-75

WORK AREA Refueling Floor

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals			Procedure	Activity	Duration	Dates:	Special Requirements	Remarks
					Organization	Date/Document	Parts/Mat'l Status						
85		Install U-3 crane not track and ensure rest of track is ready for crane	2	DEC	Vendor			Assd.		2/12		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
86		Repaint entire U-1 & U-2	4	DEC	Vendor			Assd.		After installation of head & shield plus		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
87	BFNP 75-139	Modify "A" Frame to fit refueling platform track and assembly elevation 664	3	DEC R. Roper	Vendor			Assd.		Need		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
88		Make preparations for T-20	2	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
89	Preop	Conduct preop T-20	2	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
90	TR-34976	General inspection of U-1 & U-2 of refueling platform		BFNP WAR	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



Priority Codes:

1. Emergency outage.

2. Expected critical path (CP).

3. Must item but not CP.

4. Nice but not must item.

5. Contingency item, plan for

but don't expect to do.

TERRELL VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.

7. Do after outage.

REV 1A DATE 6-8-75

WORK AREA Refueling Floor

Item No.	Supporting Document (TR, EGN, MCR)	Description	Priority	Division/Person Responsible	Approvals			Procedure	Date	Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document	Parts/Unit Status			Number of Men/Craft	Number of Shifts			
91	TR-34978	Verify linkage for main hoist safety disc brake lining assembly is properly adjusted and lock wire		BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
92	TR-34979	Lubricate refueling platform main hoist well pulley shaft		BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
93	TR-34980	Lubricate RF platform alignment wheels		BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
94		Clean control rod blade guides		Chatta	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
95		Assemble control rod blade guides & transfer to refuel floor	2	Chatta	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
96		Install limit switches on refuel floor overhead crane		DEC	Vendor			Assd.			6/8		Retest	Need EGN
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.

4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

EFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1A DATE 6-8-75

WORK AREA Refueling Floor

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals			Procedure	Activity	Duration	Dates:		Special Requirements	Remarks
					Organization	Date/Document	Parts/Mat'l Status				Start	Est. of Comp.		
97		Test limit switches on reactor building crane		DEC	Vendor			Assd.			1/4		Retest	Need ECN
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
98		Replace cable on Rx building 5-ton hook		EFNP R. Smith	Vendor			Assd.					Retest	Need to work over to complete this.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



Priority Codes:

Emergency outage.

Expected critical path (CP). 4. Nice but not must item.

Must item but not CP. 5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BEHR UNIT 7

OUTAGE PLANNING LIST

6. Do before outage.

7. Do after outage.

REV 2 DATE 4/24/75

WORK AREA Drywell Work

Item No.	Supporting Document (IR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
100	TR-28102	Conduct ISI on Piping	3	Chatta RMDaniel FGWoody	Vendor			Asad.	Chatta		10			Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
101	MMI-7	Replace CRD's as required (CRD 30-47)	2	Chatta DTullis RFavreau G.L.Messer	Vendor			Asad.	MMI	4BM	10			Retest	Run stall and other tests on CRD's before outage to select marginal ones for change out. 16 spares on site 12/19/74. 4 spares, 70060 92203 CH4, Quote 67, to be delivered 4 weeks prior to refueling outage. Tony Vest to work up diagnostic program. New 12/19/74.
					DED			Prepd.	7					SWP	
					Site			Appd.						Clear	
102	MMI-7 BF73M13 BF73M15	Overhaul required CRD's as	3	Chatta DTullis RFavreau G.L.Messer	Vendor			Asad.	MMI	2BM	10			Retest	Run stall and other tests on CRD's before outage to select marginal ones for change out. 16 spares on site 12/19/74. 4 spares, 70060 92203 CH4, Quote 67, to be delivered 4 weeks prior to refueling outage. Tony Vest to work up diagnostic program. New 12/19/74.
					DED			Prepd.	7					SWP	
					Site			Appd.						Clear	
103	SI-	Test MSIV's	2	Chatta JRoberts	Vendor			Asad.		2SE	2 da			Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
104	TR-28103	Repair MSIV's	2	Chatta EEParks	Vendor			Asad.		3M	8			Retest	
					DED			Prepd.		8F	40			SWP	
					Site			Appd.						Clear	
105	SI-	Other Containment ISO. VLV. Testing	3	Chatta JRoberts	Vendor			Asad.		2SE	24			Retest	
					DED			Prepd.		4F	24			SWP	
					Site			Appd.						Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Nice item but not CP.

4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 2 DATE 4/24/75

WORK AREA Drywell Work

Item No.	Supporting Document (TR, ECH, MCR)	Description	Priority	Division/Person Responsible	Approval Organization	Date/Document	Parts/Mat'l Status	Procedure	Date	Activity Duration	Number of Men/Craft	Number of Shifts	Start Date	Special Requirements	Remarks
106	TR-28303	Other Containment ISOL repair	3	Chatta	Vendor			Assd.						Retest	
					DED			Prepd						SWP	
					Site			Appd.						Clear	
107	TR-28304	Nitrogen leak test MSRV's	3	Chatta	Vendor			Assd.		2F	1			Retest	
					DED			Prepd						SWP	
					Site			Appd.						Clear	
108	TR-28305	Replace defective MSRV's	3		Vendor			Assd.		2F	2			Retest	
					DED			Prepd						SWP	
					Site			Appd.						Clear	
109	MMI-9	Recirculation Pump Seal Replacement in both pumps	3	BFNP WARoberts	Vendor			Assd.						Retest	We do need to change
					DED			Prepd						SWP	
					Site			Appd.						Clear	
110	MMI-36 BF74MI7	Inspect Hydraulic Shock Arrestors (both Bergen Paterson and Grinell)	3	Chatta	Vendor			Assd.	MMI 36	2F	2			Retest	
					DED			Prepd						SWP	
					Site			Appd.						Clear	
111	MMI-45	Rebuild Snubbers	3		Vendor			Assd.	MMI 45	2F	4			Retest	Need parts
					DED			Prepd						SWP	
					Site			Appd.						Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 2 DATE 4/24/75

WORK AREA Drywell Work

Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts			
112		Remove/Replacement Equipment Access Hatch as required	5	Chatta	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
113	TR-28306 BF74E12 SIL 76	Remove/Replace TIP Tubing (Conduct TIP Friction Test) Remove prior to CRD work to prevent damage.	3	BFNP WARoberts	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
114	TR-28307 BF73M	Remove/Replace Permalic Shielding Around Nozzles	3	Chatta RHDaniel	Vendor			Assd.					Retest	Probably already complete.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
115	TR-28308	Inspect Torus	3	BFNP/Chatta L. Curvin	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.		Engineer	1/2		Clear	
116	TR-28309	Inspection of Structural & Seismic Support Bolts, and Welds on Class I Components DRO Bulletin 74-3 JEG to Mosely (AEC letter 4/17/74)		Chatta RHDaniel FGWoody	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.		Contractor	1		Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Most item but not CP.

4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFMP UNIT 1

OUTAGE PLANNING LIST:

6. Do before outage.
7. Do after outage.

REV 2 DATE 4/24/75

WORK AREA Drywell Work

Item No.	Supporting Document (TR, ECH, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organization	Date/Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
117	TR-28310	UT 2 RPV Stabilizer Rods UT 8 Support Skirt Holddown Bolts LAW JFG to Moseley - letter dated April 17, 1974		Chatta RHDaniel FGWoody	Vendor			Assd.				Retest	
					DED			Prepd		1/2		SWP	
					Site			Appd.				Clear	
118	TR-28311	Inspect Rx Recirculation Valves in accordance with DPM No. N73M14.	3	Chatta E. Parks D. Tullis	Vendor			Assd.				Retest	
					DED			Prepd		1/4		SWP	
					Site			Appd.				Clear	
119	TR-28312	Visually inspect ring girder pedestal nuts.	3	Chatta	Vendor			Assd.				Retest	RHDaniel to REHereford memo dated 6/21/74. Problem occurred at Pilgrim NERP item 156.
					DED			Prepd		1/4		SWP	
					Site			Appd.				Clear	
120	TR-28313	Test and repair/replace check valves on ADS relief valve accumulators. RBBeers to EMBankus, TVA letter No. 3575 dated 9/26/74.	3	Chatta EParks DTullis	Vendor			Assd.				Retest	
					DED			Prepd				SWP	
					Site			Appd.				Clear	
121	TR-28314	Determine extent of damage on electrical equipment in drywell due to spurious voltage related to fire.	3	DPP	Vendor			Assd.				Retest	
					DED			Prepd				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd				SWP	
					Site			Appd.				Clear	



Priorities Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Most item but not CP.

4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 2 DATE 4/24/75

WORK AREA Drywell Work

Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts			
123	TR-34382	Tag control air valves in drywell.	4		Vendor			Assd.				Retest		
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
124	TR-28316	Apply protective coating to torus surface	3	DPP/ Contractor	Vendor			Assd.				Retest	Should be done before changing seal in 1A recirc pump.	
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
125	TR-13268	Repair swinging boom hoist in drywell over Recirc pump 1A	3	BFNP	Vendor			Assd.				Retest		
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
126	TR-34385	Adjust packing on valves in drywell.	3	BFNP	Vendor			Assd.				Retest		
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
127	TR-33076	Inspect all MSIV dashpots for proper oil level and any signs of leakage.	3	BFNP	Vendor			Assd.				Retest		
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
128	TR-28140	Conduct ultrasonic inspection of recirc. discharge bypass line in accordance with DRO bulletin	3	DPP R. Daniel	Vendor			Assd.				Retest		
					DED			Prepd.				SWP		
					Site			Appd.				Clear		

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.

4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 2A . DATE 6-8-75

WORK AREA Drywell/Torus

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals			Procedure	Activity	Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document	Parts/ Mat'l Status			Number of Men/Craft	Number of Shifts			
135	TR-28281	Inspect mechanical yawway snubbers for freedom of movement	3	BFNP	Vendor			Assd.		2P	1		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
136		Replace "D" SRM	3	BFNP	Vendor			Assd.	IMI				Retest	Clear drywell of all other work.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

1. Emergency outage.
2. Expected critical path
3. Must item but not CP.

4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

DEFENSE UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

WORK AREA Drywell/Torus

Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document			Date	Number of Men/Craft	Number of Shifts			
129	MMI	Remove 4" repair discharge bypass line	3	DPP	Vendor			Assd.	OD				Retest	Need to ret FDI from 'E then et ECR from IED
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
130	MMI	Replace bonnet gasket in 1-FCV-68-3 Recirc a disch vlv	3	DPP	Vendor			Assd.	OD				Retest	Have Anchor Darling Rep. John Svannigan on site
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
131	TR28263	Replace bonnet gasket in 1-FCV-68-77 Recirc B disch vlv	3	DPP	Vendor			Assd.	OD				Retest	Have Anchor Darling Rep. John Svannigan on site
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
132	TR28262	Tighten bonnet studs on all Anchor Darling vlvs similar to recirc disch	3	BFNP	Vendor			Assd.					Retest	Determine proper torque values for each valve
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
133	TR	Tighten pressure seal rings on all applicable valves	3	BFNP	Vendor			Assd.					Retest	Determine proper torque values for each valve.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
134	Special Procedure	Refill Torus	3	BFNP	Vendor			Assd.	JBS				Retest	Procedure should specify venting procedure
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.

4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1 DATE 4/24/75

WORK AREA Reactor Bldg

Item No.	Supporting Document (TR, ECM, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts			
200	TR-28317 SIL-66	Inspect selected CRD accumulators for problem relating to flaking of nickel plating.		Chatta	Vendor			Asstd.		2F	2		Retest	See NERP item 32.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
201	TR-28318	Inspect Motor Operated Valves Referenced by Preop G-31 Deficiency Report J.E. Gilleland to D. F. Knuth, AEC, dated February 26, 1974.	3	Chatta MHekking RBrimer	Vendor			Asstd.		2M	5		Retest	Stake the threads on all limitorque operator lock nuts.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
202	TR-28302	Inspect A RBCCW System Heat Exchanger for general conditions and clams	3	BFNP	Vendor			Asstd.		3F	1		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
203	TR-28319	Inspect B RBCCW System heat exchanger for general conditions and clams	3	BFNP	Vendor			Asstd.		3F	1		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
204	TR-28320	Inspect C RBCCW System heat exchanger for general conditions and clams	3	BFNP	Vendor			Asstd.		3F	1		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
205	TR-28321	Inspect Fuel Pool Cooling System Heat Exchangers for clams and general condition	4	Chatta FJenkins RSchean	Vendor			Asstd.		3F	2		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

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2. Expected critical path (CP).
3. Must item but not CP.

4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST:

6. Do before outage.
7. Do after outage.

REV 1 DATE 4/24/75

WORK AREA Reactor Bldg

Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document		Date	Number of Men/Craft	Number of Shifts			
206	TR-28322	Inspect Closed Cooling Water Heat Exchangers for clams and general condition	4	Chatta FJenkins RSchean	Vendor			Assd.		3F	2	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
207	TR-28323	UT Bolting of Suppression Chamber Seismic Lugs JEG to Moseley, letter dated April 17, 1974	3	DPP CAMELaughlin	Vendor			Assd.			1/2	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
208	TR-28324	Replace Reactor Protection System Scram Solenoid Relays 5AK14A&C, 5AK15A&C (Panel 9-15) 5AK14B&D, 5AK15B&D (Panel 9-17)	3	BFNP T. Cox	Vendor			Assd.				Retest	See memo from R. G. Moseley to W. A. Roberts dated Sept. 7, 1973 Item 6 on plant worklist. Exception Item?
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
209	TR-28325	Inspect RCIC Pipe Support Hangers	3	BFNP Rofear	Vendor			Assd.	1 Engr			Retest	
					DED			Prepd.	1 F	1/2		SWP	
					Site			Appd.				Clear	
210	TR-28326	Inspect HPCI Pipe Support Hangers	3	Rofear	Vendor			Assd.	1 Engr			Retest	
					DED			Prepd.	1 F	1/2		SWP	
					Site			Appd.				Clear	
211	TR-28327	Replace RHRSW water box to shell gasket on 1B RHR heat exchanger	3	DPP RSchean FJenkins	Vendor			Assd.		5F 6EM	8 & 8	Retest	1 shift to cut pipes, 8 shifts to replace gasket, 7 shifts to weld back
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

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2. Expected critical path (CP).
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4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST:

6. Do before outage.
7. Do after outage.

REV 1 DATE 4/24/75

WORK AREA Reactor Bldg.

Item No.	Supporting Document (TR, SON, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Date, Comp. Date	Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts			
212	EMI-20	Complete inspection and cleaning of unit 1 electrical equip	3	BFNP	Vendor			Assd.		10 elect	40		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
213	IMI-3006	Complete inspection and cleaning of unit 1 instrumentation	3	BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
214	TR-18827 TR-25207	1-FCU 23-46 (1B RHR Heat Exchanger effluent VLV) Won't go fully closed	3	BFNP	Vendor			Assd.		1M 2F	2		Retest	Set limit & torque switches and functional test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
215	MMI-46	Complete cleaning of mechanical components	3	BFNP	Vendor			Assd.		190L	12		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
216	TR-34388	Install sheet metal and plexi-glass door on 1a and 1b MG set	3	BFNP	Vendor			Assd.		2SM	2		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
217	TR-28328	1-74-681B Check valve has bonnet leak in drywell unit 1 drywell access room	3	BFNP	Vendor			Assd.		2F	1/2		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



Priority Codes:

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2. Expected critical path (CP).

3. Nice item but not CP.

4. Nice but not must item.

5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.

7. Do after outage.

REV 1 DATE 4/24/75

WORK AREA Reactor Bldg.

Item	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts			
218	TR-26751	1B RHR Heat exchanger upper head has flange leak on west side	2	BFNP	Vendor			Assd.					Retest	Work with item 211
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
219	TR-33989	Change out TIP tubing from penetration to indexers and from chamber shields to shear valves	3	BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
220	TR-30387	"E" valve on 1A RWCU demin. will not go to the closed position	3	BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
221	TR-30258	Packing blown on valve 1-169 steam line drain valve	3	BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
222	TR28329 BF74E3 SIL 16 MCR	Install TIP system chamber shield proximity switch.		BFNP	Vendor			Assd.					Retest	See SIL 49 and NERP item 107.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
224		Complete lubrication schedule on items in Reactor Building			Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

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2. Expected critical path (CP).
3. Nice item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1 DATE 4/24/75

WORK AREA Reactor Bldg

Item No.	Supporting Document (R, EON, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Date	Est. Comp. Date			
225	TR-28330	Dye penetrant inspect selected welds on stainless steel piping in accordance with program called for by MMI-46	3	BFMP	Vendor			Assd.	Chatto					Retest	
					DED			Prepd					SWP		
					Site			Appd.					Clear		
					Vendor			Assd.						Retest	
					DED			Prepd					SWP		
					Site			Appd.					Clear		
					Vendor			Assd.						Retest	
					DED			Prepd					SWP		
					Site			Appd.					Clear		
					Vendor			Assd.						Retest	
					DED			Prepd					SWP		
					Site			Appd.					Clear		
					Vendor			Assd.						Retest	
					DED			Prepd					SWP		
					Site			Appd.					Clear		
					Vendor			Assd.						Retest	
					DED			Prepd					SWP		
					Site			Appd.					Clear		

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

RRFP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1A DATE 6-8-75

WORK AREA Reactor Building

Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals Organization Date/Document	Parts/Mat'l Status	Procedure Date	Activity Duration Number of Men/Craft	Dates: Start Est. Comp.	Special Requirements	Remarks
225	TR-28330	Dye penetrant inspect selected welds on stainless steel piping in accordance with program called for by MMI-46	3	Chatta	Vendor DED Site		Assd. Chatta Prepd. Appd.			Retest SWP Clear	
226	TR-34975	74-46 RHR cross tie valve leaks excessively from loop II to loop I and leaks slightly the other way	3		Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	Will make both loops of RHR 575 INOP
227	TR-24155	RHR "D" pump mechanical seal is leaking	3		Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	
					Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	
229	MMI - 46	Determine spread boundary in units 1 & 2	3	DPP	Vendor DED Site		Assd. MMI-46 Prepd. MMI-46 Appd.		3/31 6/1	Retest SWP Clear	
230	MMI-46	Broad brush clean refueling floor units 1 & 2	3	DPP T Ziegler	Vendor DED Site		Assd. Prepd. Appd.		4/2 5/8	Retest SWP Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.

4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1 A DATE 6-8-75

WORK AREA Reactor bldg

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals			Procedure	Activity	Duration	Dates:		Special Requirements	Remarks
					Organization	Date/Document	Parts/Mat'l Status				Start	End		
231	MMI-46	Final clean refuel floor units 1 & 2	3	DPP T Ziegler	Vendor			Assd.			4/28		Retest	
					DED			Prepd.			5/11		SWP	
					Site			Appd.					Clear	
232	MMI-46	Final survey & inspection refuel floor units 1 & 2	3	DPP T Ziegler	Vendor			Assd.			5/11		Retest	
					DED			Prepd.			5/14		SWP	
					Site			Appd.					Clear	
233	MMI-46	Broad brush clean unit 1 reactor building	3	DPP T Ziegler	Vendor			Assd.			4/2		Retest	
					DED			Prepd.			6/1		SWP	
					Site			Appd.					Clear	
234	MMI-46	Final clean unit 1 reactor building	3	DPP T Ziegler	Vendor			Assd.			6/30		Retest	
					DED			Prepd.			7/25		SWP	
					Site			Appd.					Clear	
235	MMI-46	Final survey of inspection unit 1 reactor building	3	DPP T Ziegler	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
236	Special Test Procedure	Conduct test to measure pressure drop across the RHR SW throttle valve on the RHR heat exchanger per DED request	3	BFNP RGM	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.

4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

NRPP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1A DATE 6-8-75

WORK AREA Reactor Building

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals			Procedure	Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document	Parts/Status					
237	MMI 7.2.4-A	Open SGT duct	3	Chatt R. Favreau	Vendor			Assd. 7.2.4-A			Retest	
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
238	MMI 7.2.4-A	Clean SGT duct	3	R. Favreau	Vendor			Assd. 7.2.4-A			Retest	
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
239	MMI 7.2.4-A	Close SGT duct	3	Chatt R. Favreau	Vendor			Assd. 7.2.4-A			Retest	
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
240	MMI 7.2.4-A	Swipe test SGT duct	3	Chatt R. Favreau	Vendor			Assd. 7.2.4-A			Retest	
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
					Vendor			Assd.			Retest	
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
					Vendor			Assd.			Retest	
					DED			Prepd.			SWP	
					Site			Appd.			Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 2 DATE 4/24/75

WORK AREA Turbine/Generator/Feed Pump and Turbine

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts			
300	TURBINE REPORT	Open, Inspect, Repair As Necessary and Close LP Sections	4	DPP C.W.Loney	Vendor			Assd.					Retest	
					DED			Prepd					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd					SWP	
					Site			Appd.					Clear	
302	TR-28107	Open, Inspect, Repair As Necessary One Feed Pump Turbine	4	DPP C.W.Loney	Vendor			Assd.					Retest	
					DED			Prepd					SWP	
					Site			Appd.					Clear	
303	TR-28108	Open, Inspect, Repair As Necessary One Turbine Control Valve	3	DPP C.W.Loney	Vendor			Assd.					Retest	
					DED			Prepd					SWP	
					Site			Appd.					Clear	
304	TR-28109	Open, Inspect, Repair as Necessary One Turbine Stop Valve	3	DPP C.W.Loney	Vendor			Assd.					Retest	
					DED			Prepd					SWP	
					Site			Appd.					Clear	
305	TR-28110	Open, Inspect, Repair as Necessary One Intercept Valve	3	DPP C.W.Loney	Vendor			Assd.					Retest	
					DED			Prepd					SWP	
					Site			Appd.					Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Most item but not CP.

4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 2 DATE 4/24/75

WORK AREA Turbine/Generator

Item	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Corp. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts			
312	TR-28117	Turbine Lube Oil Sump Inspection/Cleaning	3	DPP BFNP	Vendor			Assd.					Retest SWP Clear	
313	TR-28118 BF73M11 TIL 690-3	Clean EHC coolers with nylon brush and hydro.	3	DPP BFNP	Vendor			Assd.					Retest SWP Clear	Boilermaker work?
314	MCR 584 TR-28119	Rebabbit bearings on #3, 5 & 8 bearings	3	DPP/FSS/ Contractor Mathis	Vendor			Assd.					Retest SWP Clear	EXCEPTION FROM ?
315	TR-28120	Inspect all bearings	3	DPP Mathis	Vendor			Assd.					Retest SWP Clear	
316	MDTD TIL 74-2 TR-28121	Change out lock nuts with new type on oil pump gears on reactor feed pump.	3	DPP BFNP	Vendor			Assd.					Retest SWP Clear	
317	MCR 584 DPM BF74M15 TR-28122	Grind the journals on the No. 3, 5, & 8 bearings to establish original surface finish.	3	DPP/FSS/DPP Contractor Mathis	Vendor			Assd.				5/12	Retest SWP Clear	EXCEPTION FROM ?

Priority Codes:

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST:

6. Do before outage.
 7. Do after outage.

REV 2 DATE 4/24/75

WORK AREA Turbine/Generator

Item	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Comp.			
318	MCR 547 TR-28123 DPM BF74M15	Install thermocouples in each main journal bearing.	3	DPP Mathis	Vendor DED Site			Assd. Prepd. Appd.				Retest SWP Clear		EXCOP ITEM ?
319	TR-28124 N74M15	Inspect turbine building overhead crane IAW DPM N74M15.	6	DPP BFNP	Vendor DED Site			Assd. Prepd. Appd.				Retest SWP Clear		
320	Generator Report	Remove Generator exciter	3	DPP Hargett	Vendor DED Site			Assd. Prepd. Appd.	5E 3M	2		Retest SWP Clear		
321	Generator Report	Remove top half generator end bells both ends	3	DPP/PSS Hargett	Vendor DED Site			Assd. Prepd. Appd.	5E 3M	4		Retest SWP Clear		
322	Generator Report	Break turbine generator coupling	3	DPP/PSS Hargett	Vendor DED Site			Assd. Prepd. Appd.	3M	3		Retest SWP Clear		Complete 4/24/75
323	Generator Report	Lower bottom half of end bell and roll bearings	3	Hargett	Vendor DED Site			Assd. Prepd. Appd.	5E 3M	2		Retest SWP Clear		



Priority Codes:

Emergency outage.

Expected critical path (CP).

Must item but not CP.

4. Nice but not must item.

5. Contingency item, plan for

but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFRP UNIT 1

OUTAGE PLANNING LIST:

6. Do before outage.

7. Do after outage.

REV 2 DATE 4/24/75

WORK AREA Turbine/Generator

Item	Supporting Document (FR, ECR, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document			Date		Number of Men/Craft	Number of Shifts		
324	Generator Report	Pull generator rotor	3	Hargett	Vendor			Assd.		5E	1-1/2	Retest	Investigate cause of bronze chips in turbine generator coupling housing.	
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
325	Generator Report	Conduct electrical test on rotor	3	PSO Bynum	Vendor			Assd.			1/2	Retest		
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
326	Generator Report	Visually inspect rotor and stator	3	Hargett	Vendor			Assd.		1E	3 d	Retest		
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
327	Generator Report	Conduct electrically test stator	3	PSO Bynum	Vendor			Assd.		5E	1-1/2	Retest		
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
328	Generator Report	Clean generator parts	3	Hargett	Vendor			Assd.		5E	3 d	Retest		
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
329	Generator Report	Insert the rotor	3	Hargett	Vendor			Assd.		5E	2	Retest		
					DED			Prepd.				SWP		
					Site			Appd.				Clear		



Priority Codes:

1. Emergency outage.

2. Expected critical path (CP).

3. Must item but not CP.

4. Nice but not must item.

5. Contingency item, plan for

but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFMP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.

7. Do after outage.

REV 2 DATE 4/24/75

WORK AREA Turbine/Generator

Item	Supporting Document (TR, ECR, XCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Start Date	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts			
330	Generator Report	Position bottom halves of end bells	3	Hargett	Vendor			Asstd.		5E 3M	4		Retest SWP Clear	Install new type H ₂ seal Check on availability of parts.
331	Generator Report	Make up coupling	3	Hargett	Vendor			Asstd.		3M	3		Retest SWP Clear	
332		Make new coupling bolt from "C" coupling blank bolt.	3	Hargett	Vendor			Asstd.					Retest SWP Clear	Will make in BFMP shop if manpower avail, if not will make at PSSS.
333	Generator Report	Install top half of end bells	3	Hargett	Vendor			Asstd.		5E 3M	5		Retest SWP Clear	
334	Generator Report	Install generator exciter	3	Hargett	Vendor			Asstd.		5E	2		Retest SWP Clear	
335	Generator Report	Pressure test the generator	3	Hargett	Vendor			Asstd.		5E	2		Retest SWP Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 2 DATE 4/24/75

WORK AREA Turbine/Generator

Item No.	Supporting Document (CR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:		Special Requirements	Remarks
					Organization	Date/Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
335	Generator Report	Investigate cause of bronze in turbine generator coupling housing	3		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
337 336	TR-34957 MCR-	Modify main turbine EHC power unit filter IAW TIL 759-1	3	DPP BFNP	Vendor			Assd.					Retest	EXCEPTION ITEM? DPM BF 7401B
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.

4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY
BFNP UNIT 1
OUTAGE-PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 2 A DATE 6-8-75

WORK AREA Turbine/Generator

Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals			Procedure	Activity	Duration	Dates:		Special Requirements	Remarks
					Organization	Date/Document	Part/Status				Start Est. Comp.	End Est. Comp.		
336	Generator Report	Investigate cause of bronze in turbine generator coupling housing	3		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
337	TR-34957 MCR-WP	Modify main turbine EHC power unit filter IAW TIL 759-1	3	DPP BFNP	Vendor			Assd.					Retest	Exception item DPM BF 7401B
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
338		Send turning gear to GE refurbishing	3		Vendor			Assd.		IDA to take out & IDA to put back in.	6 v		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
339	MCR-WP	Modify generator collector end shield. Machine vertical face for hydrogen seal to larger dia.	3		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Emergency outage.
 2. Expected critical path (CP).
 3. Must item but not CP.
 4. Nice but not must item.
 5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
 7. Do after outage.

REV 2 DATE 4/24/75WORK AREA Turbine Bldg

Item No.	Supporting Document (TR, EON, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	Stop.		
400	TR-28125	Condenser Steam Side Inspec- tion.	3	BFNP Tullis	Vendor			Asstd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
401	TR-28126	Condenser Water Box Side Inspection	3	Chatta. Herring	Vendor			Asstd.					Retest	Consider eddy current inspection.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
402	TR-28127	Condenser Steam Side Modifica- tions. DRPatterson to Foster Wheeler letter dated 7/17/74.	3	Chatta RFavreau	Vendor			Asstd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
403	TR-28128	Feedwater Heater Inspection, including probolog inspection	3	Chatta Herring	Vendor			Asstd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
404	TR-28129	Feedwater Flow Nozzle Inspection and Cleaning	4	Chatta RFavreau	Vendor			Asstd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
405	TR-28130	Adjust/Replace Feed Pump Packing	3	DPP CWLoney	Vendor			Asstd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Emergency outage.
 2. Expected critical path (CP).
 3. Nice item but not CP.
 4. Nice but not must item.
 5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
 7. Do after outage.

REV 2 DATE 4/24/75

WORK AREA Turbine Bldg

Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
406	TR-28131	Replace Selected Condensate Demineralizer Elements	5	Chatta RFavreau CCarroll	Vendor			Assd.						Retest	
					DED			Prepd.						SNP	
					Site			Appd.						Clear	
407	TR-28132	Feedwater Heater Drain and Isolation Valve Repair	3	Chatta MHekking	Vendor			Assd.						Retest	See GE letter on BF-5127 dated 5/16/74 from HMBankus to IRPatteraon
					DED			Prepd.						SNP	
					Site			Appd.						Clear	
408	TR-28133	Open, inspect, repair as necessary steam jet air ejector condensers	3	Chatta RSchean FJenkins	Vendor			Assd.						Retest	Work in conjunction with the installation of 3rd stage air ejector item 705 and 712
					DED			Prepd.						SNP	
					Site			Appd.						Clear	
409	TR-28134	Conduct condenser leakage test on main condenser as soon as repairs are completed.	3	BFNP JStuddard	Vendor			Assd.						Retest	
					DED			Prepd.						SNP	
					Site			Appd.						Clear	
410	TR-28136	Complete lubrication schedule in Turbine Building	3	BFNP	Vendor			Assd.						Retest	
					DED			Prepd.						SNP	
					Site			Appd.						Clear	
411	TR-25426	Repair main generator bus duct cooling fan expansion joint.	3	BFNP	Vendor			Assd.						Retest	POSSIBLE G.E. CHANGE.
					DED			Prepd.						SNP	
					Site			Appd.						Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Most item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST:

6. Do before outage.
7. Do after outage.

REV 2 DATE 4/24/75

WORK AREA Turbine Building

Item No.	Supporting Document (TR, ECM, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts			
412	TR-30156	Level sight glass leaking on 1B1 heater	3	BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
413	TR-30195	1-6-622 valve This C-3 heater channel drain line, water is leaking past seat.	3	BFNP	Vendor			Assd.					Retest	Need better valves.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
414	TR-30381	1A2 moisture separator drain pump discharge check valve is sticking closed.	3	BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
415	TR-30154	Short cycle regulating valve 1-2-29 leaks thru badly.	3	BFNP	Vendor			Assd.					Retest	Need better design? MCR?
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
416	TR-28139	1-PCV 2-216 Backwash inlet valve is binding	3	BFNP	Vendor			Assd.					Retest	Suspect both VLV and actuator are binding.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
417	TR-33716	Replace ductile iron butterfly valves in A,E,F, & W valves on condensate demineralizer with stainless steel.	3	BFNP	Vendor		on hand	Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



Priority Codes:

1. Emergency outage.

2. Expected critical path (CP).

3. Must item but not CP.

4. Nice but not must item.

5. Contingency item, plan for

but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.

7. Do after outage.

REV 2A DATE 6-8-75.

WORK AREA Turbine Bldg.

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals			Procedure	Activity	Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document	Parts/Mat'l Status						
418	TR-30176	1 B2 moisture separator drain pump is blowing steam and water on top of pump casing	3	DPP	Vendor			Ascd.				Retest	
				BFNP	DED			Prepd.				SWP	
					Site			Appd.				Clear	
419	TR-30177	RC or header line going to moisture separator drain pump seal cooling is leaking bad.	3	DPP	Vendor			Ascd.				Retest	Completed 5/12/75
				BFNP	DED			Prepd.				SWP	
					Site			Appd.				Clear	
420	TR-30795	Loop "A" hydrogen admission valve 35-4A will not close completely. Valve is leaking badly.	3	DPP	Vendor			Ascd.				Retest	
				BFNP	DED			Prepd.				SWP	
					Site			Appd.				Clear	
421	TR 28264	De-water and inspect intake tunnel	3	DPP	Vendor			Ascd.				Retest	Call Barry Goss 2771
				BFNP	DED			Prepd.				SWP	
					Site			Appd.				Clear	
422		Conduct chlorination program on raw cooling water system	3	BFNP	Vendor			Ascd.				Retest	
				W. Thomson	DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Ascd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1 DATE 4/18/75

WORK AREA ELECTRICAL

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts			
501	TR28331	Condensate pump (hotwell) motor 1A, 900 hp, 4 kV.	4	DPP	Vendor			Asnd.	DPM				Retest	Bridge test and d.c. step voltage test. Visual inspection <u>only</u> .
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
502	TR28332	Condensate pump (hotwell) motor 1B, 900 hp, 4 kV.	4	DPP	Vendor			Asnd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
503	TR28333	Condensate pump (hotwell) motor 1C, 900 hp, 4 kV.	4	DPP	Vendor			Asnd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
504	TR28334	Condensate booster pump motor 1A, 1750 hp, 4 kV.	4	DPP	Vendor			Asnd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
505	TR28335	Condensate booster pump motor 1B, 1750 hp, 4 kV.	4	DPP	Vendor			Asnd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
506	TR28336	Condensate booster pump motor 1C, 1750 hp, 4 kV.	4	DPP	Vendor			Asnd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1 DATE 4/14/75

WORK AREA ELECTRICAL

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts			
507	TR28337	RHR service water pump motor A1, 400 hp, 4 kv. 23	4	DPP	Vendor			Assd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
508	TR28338	RHR service water pump motor A2, 400 hp, 4 kv. 23	4	DPP	Vendor			Assd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
509	TR28339	RHR service water pump motor B1, 400 hp, 4 kv. 23	4	DPP	Vendor			Assd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
510	TR28340	RHR service water pump motor B2, 400 hp, 4 kv. 23	4	DPP	Vendor			Assd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
511	TR28341	RHR service water pump motor C1, 400 hp, 4 kv 23	4	DPP	Vendor			Assd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
512	TR28342	RHR service water pump motor C2, 400 hp, 4 kv 23	4	DPP	Vendor			Assd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.

4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV. 1 DATE 4/18/75

WORK AREA Electrical

Item No.	Supporting Document (TR, ECN, NCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/ Document		Date		Number of Men/Craft	Number of Shifts			
513	TR28343	RHR service water pump motor D1, 400 hp, 4 kv. 23	4	DPP	Vendor			Asstd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
514	TR28344	RHR service water pump motor D2, 400 hp, 4 kv. 23	4	DPP	Vendor			Asstd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
515	TR28368	Raw cooling water pump motor 1A, 300 hp, 4 kv. 24	4	DPP	Vendor			Asstd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
516	TR28369	Raw cooling water pump motor 1B, 300 hp, 4 kv. 24	4	DPP	Vendor			Asstd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
517	TR28370	Raw cooling water pump motor 1C, 300 hp, 4 kv. 24	4	DPP	Vendor			Asstd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
518	TR28372	Raw cooling water pump motor 1D, 300 hp, 4 kv. 24	4	DPP	Vendor			Asstd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.

4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1 DATE 4/18/75

WORK AREA ELECTRICAL

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts			
519	TR 28371	Condenser circulating water pump motor 1A, 2250 hp, 4 kV. 27	4	DPP	Vendor			Assd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
520	TR 28373	Condenser circulating water pump motor 1B, 2250 hp, 4 kV. 27	4	DPP	Vendor			Assd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
521	TR 28374	Condenser circulating water pump motor 1C, 2250 hp, 4 kV. 27	4	DPP	Vendor			Assd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
522	TR 28375	Reactor water recirculation pump motor 1A, 8000 hp, 4 kV. 68	4	DPP	Vendor			Assd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
523	TR 28376	Reactor water recirculation pump motor 1B, 8000 hp, 4 kV. 68	4	DPP	Vendor			Assd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
524	Emi-20	Recirculation pump MG set AC motor 1A, 9000 hp, 4 kV. 68	3	DPP	Vendor			Assd.					Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	Check coolers and clean if necessary.
					Site			Appd.					Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DEPT UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

WORK AREA 4/18/75

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person responsible	Approvals		Parts/Stat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza-tion	Date/Document		Date		Number of Men/Craft	Number of Shifts			
525	EMI 20	Recirculation pump MG set AC motor 1B, 9000 hp, 4 kV. 68	3	DPP	Vendor			Asgd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	Check coolers and clean if necessary.
					Site			Appd.					Clear	
526	EMI 20	Recirculation pump MG set AC generator 1A, 3920 volts, Variable frequency 11 to 57 cycles. 68	3	DPP	Vendor			Asgd.					Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	Check coolers and clean if necessary.
					Site			Appd.					Clear	GEE 15464
527	EMI 20	Recirculation pump MG set AC generator 1B, 3920 volts, Variable frequency 11 to 57 cycles. 68	5	DPP	Vendor			Asgd.					Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	Check coolers and clean if necessary.
					Site			Appd.					Clear	GEE 15464
528	EMI 20	RHR pump motor 1A, 2000 hp, 4 kV. 74	3	DPP	Vendor			Asgd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	4160V SHUTDOWN BOARD A
529	EMI 20	RHR pump motor 1B, 2000 hp, 4 kV. 74	3	DPP	Vendor			Asgd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	4160V SHUTDOWN BOARD C
530	EMI 20	RHR pump motor 1C, 2000 hp, 4 kV. 74	3	DPP	Vendor			Asgd.					Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	4160V SHUTDOWN BOARD B

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1 DATE 4/18/75

WORK AREA ELECTRICAL

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts			
531	EMS-20	RHR pump motor 1D, 2000 hp, 4 kv. 74	3	DPP	Vendor			Assd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
532	EMC 20	Core spray pump motor 1A, 600 hp, 4 kv. 75	3	DPP	Vendor			Assd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
533	EMI 20	Core spray pump motor 1B, 600 hp, 4 kv. 75	3	DPP	Vendor			Assd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
534	EMI 20	Core spray pump motor 1C, 600 hp, 4 kv. 75	3	DPP	Vendor			Assd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
535	EMI 20	Core spray pump motor 1D, 600 hp, 4 kv. 75	3	DPP	Vendor			Assd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
536	EMI 20	CRD hydraulic feed pump motor 1A, 250 hp, 4 kv. 85	3	DPP	Vendor			Assd.	DPM				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



Priority Codes:

- 1. Emergency outage.
- 2. Expected critical path (CP).
- 3. Most item but not CP.
- 4. Nice but not must item.
- 5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

HFNP UNIT 1
OUTAGE PLANNING LIST

- 6. Do before outage.
- 7. Do after outage.

REV 1 DATE 4/12/75

WORK AREA EL3CR11A

Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts		
37	TR 28377	CRD hydraulic feed pump motor 1B, 250 hp, 4 kV.	3	DPP	Vendor:			Assd.	DFM			Retest	Bridge test and d.c. step voltage test.
537					DED			Prepd.				SWP	
		85			Site			Appd.				Clear	
		On all 4160 volt motors total.			Vendor:			Assd.		2 Electricians 10 hours each	20	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor:			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor:			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor:			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Most item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DEPT UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 4/18/75 DATE 4/18/75

WORK AREA ELECTRICAL

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/ Document			Date	Number of Men/Craft	Number of Shifts			
538	TR 28378	Unit start board 1, 4160 volts.	4	DPP	Vendor			Asad.	EMI 7				Retest	Inspect and clean breakers and cubicles.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	(6 breakers)
539	TR 28379	Unit board, 4160 volts, 1A.	4	DPP	Vendor			Asad.	EMI 7				Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	(10 breakers)
540	TR 28380	Unit board, 4160 volts, 1B.	4	DPP	Vendor			Asad.	EMI 7				Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	(12 breakers)
541	TR 28381	Unit board, 4160 volts, 1C.	4	DPP	Vendor			Asad.	EMI 7				Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	(10 breakers)
542	EMI-20	Recirculation pump bd 1, 4160 volts.	3	DPP	Vendor			Asad.	EMI 7				Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
543	TR 28382	Common board A, 4160 volts.	4	DPP	Vendor			Asad.	EMI 7				Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Not item but not CP.

4. Nice but not must item.

5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.

7. Do after outage.

REV 1 DATE 4/18/75

WORK AREA ELECTRIC

Item No.	Supporting Document (R, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Natl Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts			
544	TR 28383	Common board B, 4160 volts.		DPP	Vendor			Assd.	EMI 7				Retest	
					DED			Prepd.					SWP	
			4		Site			Appd.					Clear	
545	TR 28384	Shutdown bd A, 4160 volts, unit 1 equipment.		DPP	Vendor			Assd.	EMI 7				Retest	
					DED			Prepd.					SWP	
			4		Site			Appd.					Clear	(26 breakers)
546	TR 28385	Shutdown bd B, 4160 volts, unit 1 equipment.		DPP	Vendor			Assd.	EMI 7				Retest	
					DED			Prepd.					SWP	
			4		Site			Appd.					Clear	(22 breakers)
547	TR 28386	Shutdown bd C, 4160 volts, unit 1 equipment.		DPP	Vendor			Assd.	EMI 7				Retest	
					DED			Prepd.					SWP	
			4		Site			Appd.					Clear	(26 breakers)
548	TR 28387	Shutdown bd D, 4160 volts, unit 1 equipment.		DPP	Vendor			Assd.	EMI 7				Retest	
					DED			Prepd.					SWP	
			4		Site			Appd.					Clear	(22 breakers)
549	TR 28388	Common board 1, 480V.		DPP	Vendor			Assd.	EMI 7				Retest	Rack out breakers.
					DED			Prepd.					SWP	
			4		Site			Appd.					Clear	(37 breakers)



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Most item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1 DATE 4/18/75

WORK AREA ELECTRICAL

Item No.	Supporting Document (IR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document			Date	Number of Men/Craft	Number of Shifts			
550	TR28387	Common board 2, 480V.	4	DPP	Vendor			Asad.	EMI 7				Retest	Rack out breakers.
					DED			Prepd.					SWP	(38 breakers)
					Site			Appd.					Clear	
551	TR28390	Common board 3, 480V.	4	DPP	Vendor			Asad.	EMI 7				Retest	Rack out breakers.
					DED			Prepd.					SWP	(38 breakers)
					Site			Appd.					Clear	
552	TR28391	Diesel aux. board A, 480V.	4	DPP	Vendor			Asad.	EMI 7				Retest	GE 7700 motor control center.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	(50 breakers)
553	TR28392	Diesel aux. board B, 480V.	4	DPP	Vendor			Asad.	EMI 7				Retest	GE 7700 motor control center.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	(50 breakers)
554	TR28393	Unit board 1A, 480V.	4	DPP	Vendor			Asad.	EMI 7				Retest	Rack out breakers.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	(18 breakers)
555	TR28394	Unit board 1B, 480V.	4		Vendor			Asad.	EMI 7				Retest	Rack out type.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	(22 breakers)



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Most item but not CP.

4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1 DATE 4-1-77

WORK AREA ELB 560, 570, 580

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts			
556	TR 28395	Shutdown board 1A, 480V.	4		Vendor			Ascd.	EMI 7				Retest	Rack out type.
					DED			Prepd					SWP	
					Site			Appd.					Clear	(26 breakers)
557	TR 28396	Shutdown board 1B, 480V.	4		Vendor			Ascd.	EMI 7				Retest	Rack out type.
					DED			Prepd					SWP	
					Site			Appd.					Clear	(23 breakers)
558	TR 28397	Reactor MOV board 1A, 480V.	4		Vendor			Ascd.	EMI 7				Retest	GE 7700 motor control center.
					DED			Prepd					SWP	
					Site			Appd.					Clear	(57 breakers)
559	TR 28398	Reactor MOV board 1B, 480V.	4		Vendor			Ascd.	EMI 7				Retest	GE 7700 motor control center.
					DED			Prepd					SWP	
					Site			Appd.					Clear	(65 breakers)
560	EMI 20	Reactor MOV board 1C, 480V.	3		Vendor			Ascd.	EMI 7				Retest	GE 7700 motor control center.
					DED			Prepd					SWP	ELB 560, started current 4/1/77
					Site			Appd.					Clear	(32 breakers)
561	TR 28400	Turbine MOV board 1A, 480V.	4		Vendor			Ascd.	EMI 7				Retest	GE 7700 motor control center.
					DED			Prepd					SWP	Inspect, clean, and check terminals and connections for tightness.
					Site			Appd.					Clear	(65 breakers)

Priority Codes:

1. Emergency outage.

2. Expected critical path (CP).

3. Not item but not CP.

4. Nice but not must item.

5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.

7. Do after outage.

REV 1 DATE 4/16/75

WORK AREA ELGIN

Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Natl Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document			Date	Number of Men/Craft	Number of Shifts			
562	TR 28401	Turbine MOV board 1B, 480V.	4		Vendor			Assd.	EMI 7				Retest	GE 7700 motor control center.
					DED			Prepd.					SWP	(79 breakers)
					Site			Appd.					Clear	
563	TR 28402	Turbine MOV board 1C, 480V.	4		Vendor			Assd.	EMI 7				Retest	GE 7700 motor control center.
					DED			Prepd.					SWP	(79 breakers)
					Site			Appd.					Clear	
564	TR 28403	Reactor building vent. board 1A, 480V.	4		Vendor			Assd.	EMI 7				Retest	GE 7700 motor control center.
					DED			Prepd.					SWP	(31 breakers)
					Site			Appd.					Clear	
565	EMI 20	Reactor building vent. board 1B, 480V.	3		Vendor			Assd.	EMI 7				Retest	GE 7700 motor control center. <i>565 STARTED WORKING 4/15/75</i>
					DED			Prepd.					SWP	(35 breakers)
					Site			Appd.					Clear	
566	TR 28404	Turbine building vent. board 1A, 480V.	4		Vendor			Assd.	EMI 7				Retest	GE 7700 motor control center.
					DED			Prepd.					SWP	(35 breakers)
					Site			Appd.					Clear	
567	TR 28405	Turbine building vent. board 1B, 480V.	4		Vendor			Assd.	EMI 7				Retest	GE 7700 motor control center.
					DED			Prepd.					SWP	(29 breakers)
					Site			Appd.					Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.

4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1 DATE 4/18/75

WORK AREA ELECTRICAL

Item No.	Supporting Document (TR, ECH, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Stop Est. Comp.		
568	TR 28406	Condensate demineralizer board 1, 480V.	4		Vendor			Assd.	EMI 7					Retest	GE 7700 motor control center. Inspect, clean, and check terminal connections for tightness.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	(26 breakers)
569	TR 28407	Auxiliary boiler board, 480V.	4		Vendor			Assd.	EMI 7					Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	(28 breakers)
570	TR 28408	Water and oil storage board, 480V.	4		Vendor			Assd.	EMI 7					Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	(36 breakers)
571	TR 28409	Radwaste building feeder board 1, 480V.	4		Vendor			Assd.	EMI 7					Retest	GE 7700 motor control center.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	(44 breakers)
572	TR 28410	Radwaste building feeder board 2, 480V.	4		Vendor			Assd.	EMI 7					Retest	GE 7700 motor control center.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	(44 breakers)
573	TR 28411	Offgas motor control center board A, 480V.	4		Vendor			Assd.	EMI 7					Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

Priority Codes:

1. Emergency outage.

2. Expected critical path (CP).

3. Not at item but not CP.

4. Nice but not must item.

5. Contingency item, plan for

but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.

7. Do after outage.

REV 1 DATE 4/18/75

WORK AREA ELECTRICIAN

Item No.	Supporting Document (TR, ECM, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza-tion	Date/Document			Date	Number of Men/Craft	Number of Shifts		
574	TR 28412	Reactor MOV board 1A, 250V.	4		Vendor			Assd.				Retest	Listed in EMI 4 - to be performed on refueling outages.
					DED			Prepd.				SNP	
					Site			Appd.	EMI 4			Clear	(37 breakers)
575	TR 28413	Reactor MOV board 1B, 250V.	4		Vendor			Assd.				Retest	Listed in EMI 4 - to be performed on refueling outages.
					DED			Prepd.				SNP	
					Site			Appd.	EMI 4			Clear	(31 breakers)
576	EMI 20	Reactor MOV board 1C, 250V.	3		Vendor			Assd.				Retest	Listed in EMI 4 - work to be performed on refueling outages.
					DED			Prepd.				SNP	PL 545 STARTED C.W.M.M.W. 4/15/75
					Site			Appd.	EMI 4			Clear	(31 breakers)
577	TR 28414	Shutdown board, 250V; battery and chargers, 250V.	4		Vendor			Assd.	EMI 7			Retest	
					DED			Prepd.				SNP	
					Site			Appd.				Clear	
578	TR 28415	Turbine building distribution board 1, 250V d.c. (45N705R2)	4		Vendor			Assd.	EMI 7			Retest	
					DED			Prepd.				SNP	
					Site			Appd.				Clear	
579	TR 28416	Battery board 1, unit 1 equipment only (45N701-2R4)	4		Vendor			Assd.				Retest	Listed on work to be performed on refueling outages - EMI 4.
					DED			Prepd.				SNP	
					Site			Appd.	EMI 4			Clear	



Priority Codes:

- Emergency outage.
Imagined critical path (CP).
Not item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

HFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1 DATE 4/18/75

WORK AREA Electric

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organization	Date/ Document			Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	Test. Comp.		
20	TR 28417	Battery board 2, unit 1 equipment only (45N702).	4		Vendor			Asnd.					Retest		Listed for work to be performed on refueling outages - EMI 4.
					DED			Prepd.					SWP		
					Site			Appd.	EMI 4				Clear		
21	TR 28418	Battery board 3, unit 1 equipment only (45N703).	4		Vendor			Asnd.					Retest		Listed for work to be performed on refueling outages - EMI 4.
					DED			Prepd.					SWP		
					Site			Appd.	EMI 4				Clear		
22	TR 28419	Battery board 4, unit 1 equipment only (45N704).	4		Vendor			Asnd.					Retest		Listed for work to be performed on refueling outages - EMI 4.
					DED			Prepd.					SWP		
					Site			Appd.	EMI 4				Clear		
23	TR 28420	Unit 1 generator - open, inspect, repair as necessary, and close.	3		Vendor			Asnd.					Retest		End turn hardware modification should be completed. StanSmith said it is only 1/2 complete. TIL 536 (order material 6 wks prior to outage). - StanSmith will check with GE. (Obtain rotor forging numbers.)
					DED			Prepd.					SWP		
					Site			Appd.					Clear		
24	TR 28421	EHC hydraulic fluid system pump motor 1A, 150 hp, 480V.	47 4		Vendor			Asnd.					Retest		
					DED			Prepd.					SWP		
					Site			Appd.	EMI 6				Clear		
25	TR 28422	EHC hydraulic fluid system pump motor 1B, 150 hp, 480V.	47 4		Vendor			Asnd.					Retest		
					DED			Prepd.					SWP		
					Site			Appd.	EMI 6				Clear		

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1 DATE 4/18/75

WORK AREA GEORGIA

Item No.	Supporting Document (TR, ECH, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/ Document			Date	Number of Men/Craft	Number of Shifts		
586	TR28423	Unit 1 generator main bus cooling fan 1, 200 hp, 480V. 47	4		Vendor			Asnd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.	EMI 6			Clear	
587	TR28424	Motor suction pump 1, 60 hp, 480V. 47	4		Vendor			Asnd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.	EMI 6			Clear	
588	TR28425	Stator cooling water pump motor 1A, 100 hp, 480V. 47	4		Vendor			Asnd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.	EMI 6			Clear	
589	TR28426	Stator cooling water pump motor 1B, 100 hp, 480V. 47	4		Vendor			Asnd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.	EMI 6			Clear	
590	TR28427	Main turbine turning gear motor, 60 hp, 480V. 47	4		Vendor			Asnd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.	EMI 6			Clear	
591	TR28428	Main turbine turning gear oil pump motor (a.c. - normal), 60 hp, 480V. 47	4		Vendor			Asnd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.	EMI 6			Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Most item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

**BFNP UNIT 1
OUTAGE PLANNING LIST**

6. Do before outage.
7. Do after outage.

REV 1 DATE 4/18/75

WORK AREA ELECTRICAL

Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start	Special Requirements	Remarks
					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts	Comp.		
592	TR28433	Main turbine turning gear oil pump motor (d.c. emerg.), 50 hp, 250V d.c.	47	4	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	
593	TR28434	Turbine bearing lift pump motor 1A1, 10 hp, 480V.	47	4	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	
594	TR28435	Turbine bearing lift pump motor 1A2, 10 hp, 480V.	47	4	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	
595	TR28436	Turbine: steam packing exhaustor motor, 20 hp, 480V.	47	4	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	
596	TR28437	Turbine: vapor extractor motor, 5 hp, 480V.	47	4	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	
597	TR28438	Turbine: filter transfer pump motor, 3/4 hp, 480V.	47	4	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Fast item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFMT UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1 DATE 4/18/75

WORK AREA Electrical

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Natl Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts			
598	TR 28439	Turbine bearing lift pump motor 1A3, 10 hp, 480V.	47	4	Vendor			Asstd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	
599	TR 28440	Turbine bearing lift pump motor 1B1, 10 hp, 480V.	47	4	Vendor			Asstd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	
501A	TR 28441	Generator main seal oil pump motor, 20 hp, 480V.		4	Vendor			Asstd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	
502A	TR 28442	Generator emergency seal oil pump motor, 15 hp, 250V d.c.		4	Vendor			Asstd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	
503A	TR 28443	Generator recirc. seal oil pump motor, 7½ hp, 480V.		4	Vendor			Asstd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	
504A	TR 28444	Generator seal oil vacuum motor, 2 hp, 480V.		4	Vendor			Asstd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1 DATE 4/18/75

WORK AREA ELECTRICAL

Item No.	Supporting Document (TR, ECH, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
505A	TR 28445	Condenser vacuum pump motor 1A, 125 hp, 480V.	27 4		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.	EMI 6			Clear	
506A	TR 28446	Condenser vacuum pump motor 1B, 125 hp, 480V.	27 4		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.	EMI 6			Clear	
507A	TR 28447	Screen wash pump motor 1A, 150 hp, 480V.	27 4		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.	EMI 6			Clear	
508A	TR 28448	Reactor water cleanup demineralizer holding pump motor 1A, 5 hp, 480V.	69 4		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.	EMI 6			Clear	
509A	TR 28449	Reactor water cleanup demineralizer holding pump motor 1B, 5 hp, 480V.	69 4		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.	EMI 6			Clear	
510A	TR 28450	Reactor water cleanup recirc. pump motor 1A, 50 hp, 480V.	69 4		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.	EMI 6			Clear	

Priority Codes:

1. Emergency outage.

2. Expected critical path (CP).

3. Not item but not CP.

4. Nice but not must item.

5. Contingency item, plan for

but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.

7. Do after outage.

REV 1 DATE 4/12/75

WORK AREA ELECTRICAL

Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
511A	TR28451	Reactor water cleanup recirc. pump motor 1B, 50 hp, 480V.	69	4	Vendor			Ascd.						Retest	
					DED			Prepd.						SUP	
					Site			Appd.	EMI 6					Clear	
512A	EMC-20	Reactor building closed cooling water pump motor 1A, 75 hp, 480V.	70	3	Vendor			Ascd.						Retest	
					DED			Prepd.						SUP	
					Site			Appd.	EMI 6					Clear	
513A	EMC-20	Reactor building closed cooling water pump motor 1B, 75 hp, 480V.	70	3	Vendor			Ascd.						Retest	
					DED			Prepd.						SUP	
					Site			Appd.	EMI 6					Clear	
514A	EMC-20	Reactor building closed cooling water pump motor 1C, 75 hp, 480V.	70	3	Vendor			Ascd.						Retest	
					DED			Prepd.						SUP	
					Site			Appd.	EMI 6					Clear	
515A	TR28452	Auxiliary boiler A feed pump motor, 75 hp, 480V.	12	4	Vendor			Ascd.						Retest	
					DED			Prepd.						SUP	
					Site			Appd.	EMI 6					Clear	
516A	TR28453	Auxiliary boiler B feed pump motor, 75 hp, 480V.	12	4	Vendor			Ascd.						Retest	
					DED			Prepd.						SUP	
					Site			Appd.	EMI 6					Clear	



Priority Codes:

1. Emergency outage.

2. Inspected critical path (CP). 3. Contingency item, plan for

4. Nice but not must item.

5. Contingency item, plan for

6. Do before outage.

7. Do after outage.

TENNESSEE VALLEY AUTHORITY

HFNP UNIT 1

OUTAGE PLANNING LIST

REV 1 DATE 4/16/75

WORK AREA ELECTRICAL

Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza-tion	Date/Document			Date	Number of Men/Craft	Number of Shifts			
17A	TR 28454	Auxiliary boiler C feed pump motor, 75 hp, 480V.	12	4	Vendor			Asstd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	
18A	TR 28455	Auxiliary boiler A forced-draft fan motor, 30 hp, 480V.	12	4	Vendor			Asstd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	
19A	TR 28456	Auxiliary boiler B forced-draft fan motor, 30 hp, 480V.	12	4	Vendor			Asstd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	
20A	TR 28457	Auxiliary boiler C forced-draft fan motor, 30 hp, 480V.	12	4	Vendor			Asstd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	
521A	TR 28458	Auxiliary boiler fuel oil pump motor A, 20 hp, 480V.	18	4	Vendor			Asstd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	
522A	TR 28459	Auxiliary boiler fuel oil pump motor B, 20 hp, 480V.	18	4	Vendor			Asstd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	



Priority Codes:

Emergency outage.

Expected critical path (CP). 4. Nice but not must item.

Not item but not CP.

5. Contingency item, plan for

but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFST UNIT 7

OUTAGE PLANNING LIST

6. Do before outage.

7. Do after outage.

REV 1 DATE 4/18/75

WORK AREA GENERAL

Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts			
523A	TR 28460	Raw cooling water booster pump motor 1A, 60 hp, 480V.	24	4	Vendor			Asstd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	
524A	TR 28461	Raw cooling water booster pump motor 1B, 60 hp, 480V.	24	4	Vendor			Asstd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	
525A	TR 28462	Standby liquid control pump motor 1A, 50 hp, 480V.	63	4	Vendor			Asstd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	
526A	TR 28463	Standby liquid control pump motor 1B, 50 hp, 480V.	63	4	Vendor			Asstd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	
527A	TR 28464	Standby liquid control explosive valves, 2 each.	63	4	Vendor			Asstd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.	EMI 1				Clear	
528A	TR 28465	Plant preferred MG set, 1 only		4	Vendor			Asstd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	

Priority Codes:

1. Emergency outage.
2. Inspected critical path (CP).
3. Item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFMP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1 DATE 4/18/75

WORK AREA ELECTRICAL

Item No.	Supporting Document (TR, ECM, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Comp.	Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts			
529A	TR 28466	Unit preferred MG set (MMG set). 1 per unit.	57 4		Vendor			Ascd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	
530A	TR 28467	Reactor protection system MG set 1A.			Vendor			Ascd.					Retest	EMI 13, part III, for refueling outages.
		Refueling outage item (listed)	4		DED			Prepd.					SWP	
					Site			Appd.	EMI 13				Clear	
531A	TR 28468	Reactor protection system MG set 1B.			Vendor			Ascd.					Retest	EMI 13, part III, for refueling outages.
		Refueling outage item (listed)	4		DED			Prepd.					SWP	
					Site			Appd.	EMI 13				Clear	
532A	TR 28469	Inspect reactor protection system scram solenoid relays.	4	DPP	Vendor			Ascd.					Retest	Listed in preventive maintenance program for refueling outages. Item
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
533A	TR 28470	Inspect all generator protective electrical circuits and perform necessary preventive maintenance.		PSO & DPP	Vendor			Ascd.					Retest	DPM N74M12. Refueling outage item (listed). Listed in preventive maintenance program under refueling outages.
		Refueling outage item (listed)	4		DED			Prepd.	DPM				SWP	
					Site			Appd.					Clear	
534A	TR 28471	Change diesel-generator lube oil circulating pump motor bearings.	4		Vendor			Ascd.					Retest	Listed in EMI 3 & preventive maintenance schedule to change out every 2 yrs, also to clean and test winding. Possibly this time will be the refueling outage.
					DED			Prepd.					SWP	--Possible to be done--
					Site			Appd.	EMI 3				Clear	

Priority Codes:

1. Emergency outage.
2. Inspected critical path (CP).
3. Most item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1 DATE 4/16/75

WORK AREA ELSTON

Item No.	Supporting Document (TR, ECM, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
535A	TR 28472	Change diesel-generator lube oil circulating pump motor bearings. B	4		Vendor			Asad.						Retest	Listed in EMI 3 & preventive maintenance schedule to change out every 2 yrs, also to clean and test winding. Possibly this time will be the refueling outage. --Possible to be done--
					DED			Prepd.						SNP	
					Site			Appd.	EMI 3					Clear	
536A	TR 28473	Change diesel-generator lube oil circulating pump motor bearings. C	4		Vendor			Asad.						Retest	
					DED			Prepd.						SNP	
					Site			Appd.	EMI 3					Clear	
537A	TR 28474	Change diesel-generator lube oil circulating pump motor bearings. D	4		Vendor			Asad.						Retest	
					DED			Prepd.						SNP	
					Site			Appd.	EMI 3					Clear	
538A	TR 28475	Diesel-generator A. Inspect and perform maintenance as per instruction. EMI 3	4	BFNP	Vendor			Asad.						Retest	
					DED			Prepd.						SNP	
					Site			Appd.	EMI 3					Clear	
539A	TR 28476	Diesel-generator B. Inspect and perform maintenance as per instruction. EMI 3.	4		Vendor			Asad.						Retest	
					DED			Prepd.						SNP	
					Site			Appd.	EMI 3					Clear	
540A	TR 28477	Diesel-generator C. Inspect and perform maintenance per instruction. EMI 3.	4		Vendor			Asad.						Retest	
					DED			Prepd.						SNP	
					Site			Appd.	EMI 3					Clear	



Key Codes:

Emergency outage.

Expected critical path (CP).
Not item but not CP.

4. Nice but not must item.

5. Contingency item, plan for
but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DEPT UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.

7. Do after outage.

REV 1 DATE 4/16/75

WORK AREA ELECTRICAL

Item No.	Supporting Document (R, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start, End, Comp.	Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts			
541A	TR 28478	Diesel-generator D. Inspect and perform maintenance as per instruction. EMI 3	4		Vendor			Asstd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.	EMI 3				Clear	
542A	TR 28479	Mercury vapor lights. Inspection, repair, and replacement as per instruction. EMI 9.	3		Vendor			Asstd.					Retest	Listed as a refueling outage item in the preventive maintenance program.
					DED			Prepd.					SWP	
					Site			Appd.	EMI 9				Clear	
543A	TR 28480	Batteries. Discharge test, etc. DPM N73M13	3		Vendor			Asstd.					Retest	Hopefully, the batteries discharge test will be performed before the refueling outage.
					DED			Prepd.					SWP	SI 4.9.A.2.C
					Site			Appd.	EMI 4				Clear	EMI 4 DPM N73M13
544A	TR 28481	Inspect the reactor recirc. system valve operators per DPM N73M14.	3		Vendor			Asstd.					Retest	Listed as a refueling outage item in the preventive maintenance program.
					DED			Prepd.					SWP	
					Site			Appd.	EMI 18				Clear	
545A	TR 28482	Inspect turbine building crane. Refer to item 320.	6	DPP	Vendor			Asstd.					Retest	This preventive maintenance instruction will be performed just prior to a refueling outage. Listed in EMI 1.
		Prior to a refueling outage.			DED			Prepd.					SWP	
					Site			Appd.	EMI 14				Clear	
546A	ECR 1319	Replace EA penetration. Low voltage power (1000V) in the drywell. Refer to item 716.	3	Constr.	Vendor			Asstd.					Retest	To be changed out on the first available outage per Wayne Haley. Stored in warehouse 3 cool room.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1 DATE 4/15/75

WORK AREA ELECTRICIAN

Item No.	Supporting Document (IR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals Organization Date/Document	Parts/Mat'l Status	Procedure Date	Activity Duration Number of Men/Craft Number of Shifts	Dates: Start Est. Comp. End Comp.	Special Requirements	Remarks
547A	ECN 1319	Replace EF penetration. Low voltage power (1000V) in the drywell. Refer to item 716.	3	Constr.	Vendor DED Site		Assd. Prepd Appd.			Retest SWP Clear	To be changed out on the first available outage per Wayne Haley. (JRWhite, 5-515-2960 K project engr. Luke Clark, constr. engr. BFNP)
548A	TR 28484	Remove wiring for valve repair. Install wiring and set limit and torque switches after motor operators are installed after valve complete.	3	DPP	Vendor DED Site		Assd. Prepd Appd.			Retest SWP Clear	This work will depend on how many valve repairs will be made by mechanical.
549A	TR 28485	Isolated phase bus.	3	DPP Desouza PSO?	Vendor DED Site		Assd. Prepd Appd.			Retest SWP Clear	Clean and megger. Visual inspection.
550A	TR 28486	Main and unit station-service transformers and neutral reactor. DPM N73M12	3	DPP PSO?	Vendor DED Site		Assd. Prepd Appd.	DPM N74S2 N73M12		Retest SWP Clear	Inspect power connections, routine electrical test. Test sprinkler systems, clean bushings, and radiators. Lubricate fan motors and test coolers.
551A	TR 28487	Generator PCB's. DPM N73M12 and N73M8.	4	DPP	Vendor DED Site		Assd. Prepd Appd.	DPM N73M8		Retest SWP Clear	Clean insulators - routine compressors maintenance. Timing, Doble, and microhomer tests. DPM N73M8
552A	TR 28488	Disconnect switches for generator PCB's.	4	DPP	Vendor DED Site		Assd. Prepd Appd.			Retest SWP Clear	Clean insulators; check alignment--adjust if necessary--lubricate.



Activity Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.

4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DEPT UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1 DATE 4/18/75

WORK AREA ELECTRIC

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Start Date	Special Requirements	Remarks
					Organization	Date/Document		Date	Number of Men/Craft	Number of Shifts	Est. Comp.			
553A	TR 28489	Lightning arrestors.	3	DPP	Vendor			Asnd.					Retest	Clean porcelains. Megger test. Check leakage meters.
					DED			Prepd					SWP	
					Site			Appd.					Clear	
554A	TR 28490	Testing ground leads.	4	DPP PSO	Vendor			Asnd.					Retest	The test interval shall be every 2 years--per DPM N73M5.
					DED			Prepd					SWP	
					Site			Appd.					Clear	
555A	TR 28491	Check and inspect drywell blower motors, 10 each.	3	DPP	Vendor			Asnd.					Retest	Check and see if the grease has been changed in these motors. If not, change out. Chevron SRI-2 grease is the proper lubrication.
					DED			Prepd					SWP	
					Site			Appd.					Clear	
556A	SI-41B-9	Calibrate Reactor protection system MSIV. Closure limit switch calibration	3	DPP	Vendor			Asnd.					Retest	Once per operating cycle.
					DED			Prepd					SWP	
					Site			Appd.					Clear	
557A	SI-4.1.B-13	Calibrate reactor protection system turbine stop valve closure limit switches	3	DPP	Vendor			Asnd.					Retest	Once per operating cycle
					DED			Prepd					SWP	
					Site			Appd.					Clear	
558A	SI-4.7.A4C	Visually inspect each suppression chamber to drywell vacuum breaker for proper operation	3	DPP	Vendor			Asnd.					Retest	Once per operating cycle.
					DED			Prepd					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Nice item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

REV 1 DATE 4/18/75

WORK AREA Electrical

6. Do before outage.
7. Do after outage.

Item No.	Supporting Document (TR, ECM, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza-tion	Date/Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Stop.		
559A	EMI-20	Clean 240V Lighting Board 1A Transformer TLLA 250-KVA single phase El. 621.3	3	DPP	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
560A	EMI-20	Clean V Pnl 25-31 Elev 621.3	3	DPP	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
561A	EMI-20	Clean Recirc MG set 1B local control station 1B Panel 25-24	3	DPP	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
562A	EMI-20	Clean Recirc MG Set 1A local control station 1A Panel 25-23	3	DPP	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
563A	EMI-20	Clean Panel 25-2	3	DPP	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
564A	TR 16514	Unit 1 drywell equip. dr. sump pump excessive operation comes in too quick - Timer needs Adjusting.	3	BFNP	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1 DATE 4/18/75

WORK AREA Electrical

Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp. Comp.	Special Requirements	Remarks
					Organization	Date/ Document			Date	Number of Men/Craft	Number of Shifts			
565A	TR-17170	Non-Preferred group 2 cooler didn't start at 93° C. on CP main transformer.	3	BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
566A	TR-17785	First out ann. doesn't seal in ann. after a scram.	3	BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
567A	TR 30708	Both indicating lights above HS-3-135 (RFPT "B" overspeed test trip lockout) go out when switch is put in L.O. position	3	BFNP/GE J. Palmer	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
568A	TR-30709	HS-3-160 (RFPT "C" overspeed trip lockout) shows both red green lights when switch is put in L. O. Position.	3	BFNP/GE J. Palmer	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
569A	TR 18531	Resolve problems concerning line drop, burden of pt deficiencies on main gen. P.T. (metering)	3	BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
570A		GE Modification to blast valve, piston valve, and springs on GE breakers 5214 and 5218:	3	BFNP	Vendor			Assd.					Retest	Modification
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Nice item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1 DATE 4/18/75

WORK AREA Electrical

Item No.	Supporting Document (TR, EON, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Start Date	Special Requirements	Remarks
					Organization	Date/Document		Date	Men/Craft	Number of Shifts	Comp.			
571A	TR9759	Winding temp. indicator at transf. reading down scale CP units 1 and 2 (mat'l - tubing, thermostat bulb needed)	3	BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
572A	TR-19717	Post trip log	3	BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
573A	TR12465 TR12471	Correct wiring error in main condensor low vacuum scram channels A2 and B2.	3	BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
574A		ECN-E-194 Rx and refueling zone ventilation (per sws 12/6/74)	3	BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
575A	TR-12616	Cut torus penet. conn. (inside) off and splice and seal. Check and lube all vacuum bkr switches	3	DEC D.Jent	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
576A		B3 Bus duct cooling duct split flow splitter are out. Permanent repair needed.	3	BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFRP UNIT I

OUTAGE PLANNING LIST:

6. Do before outage.
7. Do after outage.

REV 1 DATE 4/18/75

WORK AREA Electrical

Item No.	Supporting Document (TR, ECM, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Start Date	Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts			
577A		Replace torus vacuum breaker indicating lights terminal blocks.	3	DEC D. Jent	Vendor			Assd.					Retest	
64-14					DED			Prepd.					SWP	
					Site			Appd.					Clear	
572A	TR15549	Change 250V DC coil on MSIV 1-52. Install coil with class "H" insulation	3	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



Priority Codes:

1. Emergency outage.
 2. Expected critical path (CP).
 3. Must item but not CP.
 4. Nice but not must item.
 5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DEPT UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
 7. Do after outage.

REV 1 DATE 4/11/75

WORK AREA Electrical

Item No.	Supporting Document (TR, EON, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp. Shifts	Special Requirements	Remarks
					Organization	Date/ Document		Date	Number of Men/Craft	Number of Shifts				
579A	SI-4.9.A.1.6	Diesel generator emergency loss acceptance. Demonstrate that diesel generators will start and accept load within specified time sequence.	3	DEP	Vendor			Assd.				Retest	Once per operating cycle	
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
580A	SI-4.10.D	Reactor Bldg Crane must be tested prior to spent fuel cask and new or spent fuel handling.	3	DEP	Vendor			Assd.				Retest	Once per operating cycle	
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
					Vendor			Assd.				Retest		
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
					Vendor			Assd.				Retest		
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
					Vendor			Assd.				Retest		
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
					Vendor			Assd.				Retest		
					DED			Prepd.				SWP		
					Site			Appd.				Clear		

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.

4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BEHUP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1 DATE 4/26/75

WORK AREA Restoration

Item No.	Supporting Document (TR, ECM, NCR)	Description	Priority	Division/Person Responsible	Organization	Date/Document	Parts/Mat'l Status	Procedure	Activity Duration	Dates:	Special Requirements	Remarks
								Date	Number of Men/Craft	Number of Shifts	Start Date	Comp. Date
600		Prepare a safety analysis report (SAR) for cable removal	2	DED	Vendor			Assd.			Retest	
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
601		Obtain NRC approval of SAR.	2	TVA/NRC	Vendor			Assd.			Retest	
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
602		Determining equipment needed to meet requirements of cable removal SAR.	2	DPP	Vendor			Assd. DPP			Retest	
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
603		Accomplish work to establish plant conditions in compliance with SAR.	2	DEC	Vendor			Assd. DEC			Retest	
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
604		Provide safety review for work plans in Item 603.	2	DED	Vendor			Assd.			Retest	
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
605		Clean all penetrations in units 1 and 2.	3	DPP	Vendor			Assd. MMI 46			Retest	
					DED			Prepd.			SWP	
				T. Ziegler	Site			Appd.			Clear	



Priority Codes:

1. Emergency outage.

2. Expected critical path (CP).

3. Must item but not CP.

4. Nice but not must item.

5. Contingency item, plan for

but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DEFP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.

7. Do after outage.

REV 1 DATE 12/20/75

WORK AREA Restoration

Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Natl Status	Procedure		Activity Duration	Dates:		Special Requirements	Remarks
					Organization	Date/Document		Date	Number of Men/Craft	Number of Shifts	Start Date	Est. Comp.		
606		Spray Flamemastic on all penetrations on units 1 and 2.	3	DEC	Vendor			Assd.	DEC				Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
607		Review as built drawings and prepare clearances on all cables in damaged trays.	2	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
608		Measure and record extent of fire in all damaged trays and record appearance of trays and penetrations.	2	DEC	Vendor			Assd.	DEC				Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
609		Show cross section of cable tray loading in fire area.	3	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
610		Submit panoramic set of pictures of fire area to NRC.	3	NGB	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
611		Review temporary cables installed prior to issuance of SAR to ensure they meet SAR requirements.	2	DED/DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Most item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DEPT UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1 DATE 4/22/75

WORK AREA Restoration

Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts	Start Date	Comp. Date		
612		Complete and issue preliminary ad hoc committee report.	3	H.S.Fox	Vendor			Asad.						Retest	
					DED			Prepd.						SNP	
					Site			Appd.						Clear	
613		Obtain NRC approval for cable removal (fire investigation).	3	TVA/NRC	Vendor			Asad.						Retest	
					DED			Prepd.						SNP	
					Site			Appd.						Clear	
614		Complete study of temperature of fire and area affected.	3	DEC	Vendor			Asad.						Retest	
					DED			Prepd.						SNP	
					Site			Appd.						Clear	
615		Remove and preserve fire-damaged cables.	2	DEC	Vendor			Asad.	DEC					Retest	Damaged cables must be removed and stored in such a way that they can be identified.
					DED			Prepd.						SNP	
					Site			Appd.						Clear	
616		Remove damaged cable trays and hangers and conduit.	2	DEC	Vendor			Asad.	DEC					Retest	Trays, hangers, and conduit must be identified for future study.
					DED			Prepd.						SNP	
					Site			Appd.						Clear	
617		Clean fire-damaged area.	2	DPP T. Ziegler	Vendor			Asad.						Retest	
					DED			Prepd.						SNP	
					Site			Appd.						Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Most item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TERMINESSEE VALLEY AUTHORITY

BFNP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1 DATE 11-1-75

WORK AREA Restoration

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts			
618		Repair concrete in fire area (if required).	2	DEC	Vendor			Asnd.	DEC/ DED				Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
619		Reinstall cable trays, hangers, and conduit.	2	DEC	Vendor			Asnd.	DEC				Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
620		Complete study of how far back the cables must be cut to assure good cable.	2	DEC	Vendor			Asnd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
621		Complete TVA investigation of fire.	3	Office of Power	Vendor			Asnd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
622		Complete NRC investigation of fire.	3	NRC	Vendor			Asnd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
623		Prepare SAR for restoration of U-1 with U-2 in operation.	2	DED	Vendor			Asnd.	DED				Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Most item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DEPT UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1 DATE 4/1/5

WORK AREA Restoration

Item No.	Supporting Document (TR, ECN, NCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Comp.	Special Requirements	Remarks
					Organiza-tion	Date/Document		Date		Number of Men/Craft	Number of Shifts			
624		Determine configuration needed to meet U-1 restoration SAR.	2	DPP	Vendor			Asnd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
625		Accomplish work to establish configuration identified in Item 624.	2	DEC	Vendor			Asnd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
626		Obtain NRC approval of SAR for restoration of U-1.	3	TVA/NRC	Vendor			Asnd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
627		Develop QA program for overall fire restoration.	3	Office of Power and Office of Engineering Design and Construction	Vendor			Asnd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
628		Complete studies and finalize design changes required as a result of TVA and NRC investigations.	2	DED	Vendor			Asnd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
629		Obtain NRC approval of proposed design changes.	2	TVA/NRC	Vendor			Asnd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Most item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

WFP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV 1 DATE 1/1/75

WORK AREA Restoration

Item No.	Supporting Document (IR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals			Procedure	Activity Duration		Dates: Start, Comp.	Special Requirements	Remarks
					Organization	Date/Document	Parts/Material Status		Date	Number of Men/Craft	Number of Shifts		
630		Pull and splice cables that have been cut out.	2	DEC	Vendor			Asad.	DED/DEC			Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
631		Terminate cables.	2	DEC	Vendor			Asad.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
632		Obtain NRC approval of proposed reoperational test procedures.	3	TVA/NRC	Vendor			Asad.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
633		Scope reoperational test procedures.	2	DED C. Michelson	Vendor			Asad.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
634		Write reoperational test procedures.	2	DEC/DPP D. Eidson	Vendor			Asad.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
635		Perform reoperational test.	2	DPP/DEC D. Eidson	Vendor			Asad.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



Priority Codes:

1. Emergency outage.

2. Expected critical path (CP).

3. Must item but not CP.

4. Nice but not must item.

5. Contingency item, plan for

but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.

7. Do after outage.

REV 1A DATE 6-8-75

WORK AREA Restoration

Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals			Procedure	Activity	Duration	Dates:	Special Requirements	Remarks
					Organization	Date/Document	Parts/Status				Start Est. Comp.		
636		Evaluate reoperational test results.	2	DED C. Michelson	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
637		Approve reoperational test results	2	PORC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
638		Obtain NRC approval of reoperational test results and obtain permission to start up.	2	TVA/NRC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
639		Complete electrical study of heat affected area.		B. Gant Committee	Vendor			Assd.				Retest	Complete before cable cutting.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
640		Complete mechanical study of heat affected area			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
641		Submit comments on cable removal SAR to DED	3	BFNP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



Priority Codes:

1. Must complete before unit 2 startup.
2. Desirable before unit 2 startup.
3. Must complete before unit 1 startup.
4. Desirable to complete before unit 1 startup.

TENNESSEE VALLEY AUTHORITY

HFNP UNIT 1

OUTAGE PLANNING LIST

5. Can be completed at anytime.

REV 3 DATE 4-24-75

WORK AREA Modifications

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts			
0-3 700	M91 L1131 WP 2949	Modify retainer plates on stacked blocked wall at Column P & R3, R10, R17 to withstand pressure and jet-loading.	3	DEC Jim Robinson	Vendor			Asad.					Retest	NEC COMMITMENT FIRST RETURNING OUTAGE. (LICENSING STAFF REPORT)
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
0-19 701	M9 & M9A ERI-342(R) MCR-342 WP 2268 WP 2976	Cooling tower additions and offgas additions that affect unit 1. (Off-gas system; corrections blown fuse alarm, BP Valves	2	DEC/GE I&C	Vendor		N/A	Asad.		2/EL	4		Retest	TO BE WORKED WITH ITEM 7544 FOI-REKA
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
0-17 702	L1229 L1381 WP 2417	Add restraints, protect or relocate electrical trays and conduit to increase reliability during postulated line breaks	4	DEC	Vendor			Asad.					Retest	DED report (DED-TM-PFI) Check commitments.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
0-29 703	271/87000R MCR459 WP 2950	Install three sets of shock suppressors to 30-inch torus suction ring header.	2	DEC/GE	Vendor		On Site	Asad.					Retest	REQUIRES WORK TO BE DRAWN
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
1-3 704	L1165 MCR157 & MCR171	Units 1-3 crosstie for steam to steam seal reg. and SJAE.	4	DEC	Vendor			Asad.					Retest	Need NRC approval. L1165 not issued 4/9/75 because NRC held.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
1-10 705	M724 REON.	Add controls for steam to 3rd-stage SJAE. Panels 9-7 and 9-36.	3	DEC	Vendor			Asad.					Retest	REON complete 8/9/74
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Must complete before unit 2 startup.
2. Desirable before unit 2 startup.
3. Must complete before unit 1 startup.

4. Desirable to complete before unit 1 startup.

**TENNESSEE VALLEY AUTHORITY
BENT UNIT 1
OUTAGE PLANNING LIST**

5. Can be completed at anytime.

REV 3 DATE 4-24-75

WORK AREA Modifications

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals			Procedure	Date	Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document	Parts/Mat'l Status			Number of Men/Craft	Number of Shifts			
1-13 706	MCR-254 262/87000 R2	Modify MSRV discharge piping and install rigid restraints in torus. 1663 BFWP 75-127 Heat Treat. A 516 plate.	2	DEC/LE	Vendor			Asnd.					Retest	REQUEST TORUS TO BE DRAINED TVA to supply restraining material, requires torus to be drained. Unit 1 to be like unit 2. Patterson-Davidson 3/21/75. Bellows due 5/15/75.
					DED			Prepd					SWP	
					Site			Appd.					Clear	
2-2 707	L1086 WP 2436	Add parallel short cycle recirculation line to "B" condenser with MOV valve.	2	DEC	Vendor			Asnd.					Retest	
					DED			Prepd					SWP	
					Site			Appd.					Clear	
3-2 708	L1019	Install test connection in accordance with operational quality assurance manual feedwater system.	3	DEC	Vendor			Asnd.					Retest	Need material
					DED			Prepd					SWP	
					Site			Appd.					Clear	
3-4 709	L1184 MCR231	ΔP gauge across RFP injection water duplex strainer.	3	DEC	Vendor			Asnd.					Retest	Requires RFP to be isolated.
					DED			Prepd					SWP	
					Site			Appd.					Clear	
3-7 710	L1195 MCR187 ERI309	Move power supply for reactor water high level trip circuit "A" from I&C bus to 250V d.c.		DEC IRC	Vendor			Asnd.					Retest	Complete 2/6/75 per JR.
					DED			Prepd					SWP	
					Site			Appd.					Clear	
1-16 711	L1277 REFN MCR352	Adds required devices and circuits to provide prompt relief valve trip.		DEC	Vendor		Comp.	Asnd.					Retest	Need MCR/ECN. NO DURING PERIOD 3/28/75. MRC has hold on this item.
					DED			Prepd					SWP	
					Site			Appd.					Clear	

COMPLETE

Priority Codes:

1. Must complete before unit 2 startup.
2. Desirable before unit 2 startup.
3. Must complete before unit 1 startup.

4. Desirable to complete before unit 1 startup.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1
OUTAGE PLANNING LIST

5. Can be completed at anytime.

REV 3 DATE 4-24-75

WORK AREA Modifications

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza-tion	Date/Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
12-1 712	M200	Add steam supply to 3rd-stage SJAE and offgas preheaters.	3	DEC	Vendor			Ascd.						Retest	NRC HAS NOT APPROVED AUX. STM. THIS BEFORE UNIT.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
713					Vendor			Ascd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
30-3 714	FC766	Change out damper in turbine building exhaust duct.	5	DEC	Vendor			Ascd.						Retest	DEC feels that presently installed dampers are adequate.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
47-3 715	E108 WP 2960	Modify turbine EHC load reference logic for addition of Automatic Data System by change in indicator lamps.	4	DPP I&C	Vendor			Ascd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
57-21 716	L1319	Replace electrical penetra-tions EA&EF. Add penetration EG for prompt relief trip and CAD systems.	2	DEC	Vendor		REQN 16-196	Ascd.						Retest	WILL BREAK PRIMARY CONTAINMENT. See NERP item 77. EA & EF on site. EG due.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
53-1 717	L1026 WP 2951	Install test connection for valve testing as required by BFNP QA manual, Part II, Section 3.2. SLC 5%.	3	DEC	Vendor			Ascd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

Priority Codes:

1. Must complete before unit 2 startup.
2. Desirable before unit 2 startup.
3. Must complete before unit 1 startup.
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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

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REV 3 DATE 4-24-75

WORK AREA Modifications

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts			
63-2 718	L1140 MCR173 WP 2954	Reroute SLC pump lines to prevent relief valve malfunction. Valve 63-512, 513	3	DEC JRobinson	Vendor			Asnd.					Retest	Complete?
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
64-1 719	E194 CR186 ERI319	Secondary cont ISO add keylock. SW to panel 9-26. Add ind. lamps to show when each zone is in isolation.	3	DEC/65	Vendor			Asnd.		2/EL	4		Retest	Material to be supplied by TVA.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
64-10 720	L1080 M167 ERI319 MCR95 ERI296 L1076	Addition of time delay relays in refueling zone modulating damper control circuits.	3	DEC/65	Vendor			Asnd.		See 64-1			Retest	Material to be supplied by TVA.
					DED			Prepd.					SWP	Complete?
					Site			Appd.					Clear	
64-12 721	L1298 MCR257&414 ERI345	Install lights for primary containment reactor status.	3	DEC/65	Vendor			Asnd.					Retest	FDDR complete 9/24/74. Item probably complete.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
C O M P L E T E														
65-2 722	L1211& L1243 WP 2830, 2881, 2882 2883, 2633	Add 3rd SGT train and building. Provide access between the two buildings.	1	DEC	Vendor			Asnd.					Retest	Train must be operable before unit 3 fuel loading. NEED RESOLUTION OF COMPATIBILITY OF NEW FMS WITH OLD ONES (HENRY RUSSEL)
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
66-1 723	M179	Revise logic to isolate SJAE on low steam pressure.	3	DEC	Vendor			Asnd.					Retest	Do in conjunction with addition of 3rd-stage SJAE.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



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TENNESSEE VALLEY AUTHORITY

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REV 3 DATE 4-24-75

WORK AREA Modifications

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
66-2 724	L1038 L1039 L1100 M203 WP 2508	Addition of offgas recombiner.	1	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
66-17 725	M9A	Build and tie in offgas building	1	DEC	Vendor			Assd.						Retest	Has to be complete for unit 3 prior to fuel loading.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
68-2 726	L1070 MCR-61 WP 2889	Provide means to vent reactor pressured vessel when vessel is filled with water.	3	JRobinson	Vendor			Assd.		3/Fitters	1			Retest	Need material day or
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
68-4 727	M686 and M651 ERL182 and ERL197	Repull 2 cables to meet separation criteria. ATWS system.	3	DEC/45	Vendor			Assd.						Retest	FDDR's complete. 182 - 8/16/73 A7 - 1/8/74
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
68-10 728		Recirculation pump uncoupling device. JEGilleland to EdsonGCase (DRO) letter dated 11/4/74.	5	DEC/45	Vendor			Assd.						Retest	Committed (AEC) to install 1st outa that an approved system is available. APPROVED 2/15/75H STILL NOT FINAL.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
69-2 729	L1021 SP 2961	Install test connection for testing valves in reactor water cleanup system.	3	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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TENNESSEE VALLEY AUTHORITY

**BNFP UNIT 1
OUTAGE PLANNING LIST**

5. Can be completed at anytime.

REV 3 DATE 4-24-75

WORK AREA Modifications

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts	Start Date	Comp. Date		
71-1 730	LI022 SP 2962	Install valve leak test connection on RCIC system.	3	DEL	Vendor			Asstd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
70-1 731	LI208 WP 2570	Change failure mode of DW blower dampers from close to "as is" at time of failure. COMPLETE	3	DEC	Vendor			Asstd.						Retest	Hope to get done before refueling outage. Complete 2/7/75 PECJR
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
70-2 732	LI382	RBCCW pipe restraints	4	DEL	Vendor			Asstd.						Retest	Hope to get done before refueling outage.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
73-1 733	LI188 MCR118 WP 2963	Delete HPCI turbine exhaust vacuum breaker and replace 73-609 with spring-loaded check.	2	DEC	Vendor			Asstd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
73-3 734	LI025 WP 2964	Install valve leak test, test connections on HPCI system.	3	DEL	Vendor			Asstd.						Retest	Hope to do before refueling outage.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
74-2 735	LI023 WP 2965	Install valve leakage test connection on RHR system.	3	DEL	Vendor			Asstd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	



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TENNESSEE VALLEY AUTHORITY
BFNP UNIT 1
OUTAGE PLANNING LIST

5. Can be completed at anytime.

REV 3 DATE 4-24-75

WORK AREA Modifications

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza-tion	Date/Document			Date	Number of Men/Craft	Number of Shifts			
74-7 736	L1215 MCR423 ERL166-R2	Modify RHR minimum flow logic to conform to U-2. COMPLETE		DEL/SC COI	Vendor			Assd.		1/EL	1 hr		Retest	Complete 2/14/75 per JR
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
74-16 737	M189 WP	Add isolation and test connection on suction side of RHR drain pump 74-763A and B, 74-764A and B.	2	DEL	Vendor			Assd.					Retest	Must be done while torus is drained.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
75-1 738	L1024 WP 2967	Install valve leak test connections for core spray system.	3	DEL	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
75-4 739	L1388	Inspect and repair core spray torus suction valves 1-FCV 75-1 and -29. Check RHR, HPCI, and RCIC valves.	2	DEL	Vendor			Assd.					Retest	Torus must be drained. Need MCR and ECN. See JEGilleland to DonaldFKnut (DRO) dated 7/26/74. JRobinson has ordered necessary material. ECN will be issued to cover Russell Crazzy 11283.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
76-1 740	M647	Install containment atmosphere monitoring system.	2	DEL I&C	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
82-5 741	L1241 WP 2966	Diesel generator air start system modifications.	1	DEL	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



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**TENNESSEE VALLEY AUTHORITY
BFP UNIT 1
OUTAGE PLANNING LIST**

5. Can be completed at Anytime.

REV 3 DATE 4-24-75

WORK AREA Modifications

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp. Date			
3-2 742	L1312 MCR413 WP 2963	Modify diesel generator air start supply piping. Install oil reservoir with sight glass.	1	DEL	Vendor			Asad.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
4-1 743	1403	Install CAD system liquid N ₂ storage tanks.	2	DEL	Vendor			Asad.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
4-2 744	L1187 MCR221&421 REPL, ERI308	Install CAD/CAM system	2	DEL/GE	Vendor			Asad.						Retest	Required prior to startup after refueling outage. See FSAR P5.2 - 15C
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
5-2 745	233/87000	Replace temporary CRD throttling valve.	4	DEL/GE	Vendor			Asad.						Retest	DPP to determine if valve is needed. If so, need MCR and ECN.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
5-3 746	L1020	Install valve leak test connection on CRD system.	3	DEL	Vendor			Asad.						Retest	Need FDDR to correct P & FD
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
5-5 747	ECN: L1191, L1200, L1218 MCR: 270, 271, 385, 457, 670 REPU REPT, REFY REPK, ERI342 and R1	Install new Rod Sequence Control System employing group notch concept.	3	DEL/GE I&C	Vendor			Asad.		2/EL	25			Retest	REPV Approximately 6 weeks 2 weeks to test. RPIS has to be operable for test.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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TENNESSEE VALLEY AUTHORITY

HEMP UNIT 1

OUTAGE PLANNING LIST

5. Can be completed at anytime.

REV -3- UNIL 4-24-75
WORK AREA Modifications

Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organization	Date/Document			Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
45-7 748	L1200 MCR126 ERI358 MP 2316 2254	Add scram solenoid lights to panel 9-5 in control room. COMPLETE	6	DEL/LG	Vendor			Asad.						Retest	Complete 2/24/75 Per JR
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
35-2 749	L1180 EPR RHW RFLR	Add capacitor to rod sequence control system to prevent oscillation. COMPLETE		DEL/LG	Vendor			Asad.						Retest	Complete 6/24/74
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
45-14 750	ERI373	Change flow bias rod block & scram line.	5	DPP/LG IIC	Vendor			Asad.						Retest	Need MCR and ECR. FDDR will be changed or cancelled. PAPERWORK CHANGE ONLY
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
35-11 751	L1301 MCR458 SEFY	Modify Rodworth minimizer hardware to make compatible with Rod Sequence Control Sys.	3	DPP/LG IIC	Vendor		Comp.	Asad.		1/EL	1			Retest	Work with group notch control.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
35-14 752	L1299 MCR323 and 324	Move scram pilot air header filters to inlet side of pressure regulators. Install pressure gauge between filters and regulators.	3	DEL IIC	Vendor			Asad.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
45-12 753	MCR454 ERI386	Modification to prevent a group from getting out of step Rmcs	3	DPP/LG	Vendor		N/A	Asad.						Retest	Work with group notch control. See Item 747
					DED			Prepd.						SWP	
					Site			Appd.						Clear	



Priority Codes:

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3. Must complete before unit 1 startup.

4. Desirable to complete before unit 1 startup.

TERRESSEE VALLEY AUTHORITY

BNFP UNIT 1
OUTAGE PLANNING LIST

5. Can be completed at anytime.

REV 3 - DATE 4-24-75

WORK AREA Modifications

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts			
754	ECN 27 LLO56 ERI357 EKA RC, 1, 2 3, 4	Disposition of FDI's associated with ECN M9A. Offgas additions.	1	DEC/GE	Vendor		Comp	Assd.		2/EL	4		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
755	ECN 54	Add offgas panel 25-95 to radiation monitoring system.	1	DEC I & C	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
756	DDN-118 ERI-213, R1 MCR 619	Install T1P proximity switches.	5	DEC/GE I & C	Vendor			Assd.					Retest	Vendor to furnish new switch No max/ or FDI
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
757	MCR 110 L1172 and L119 Comp. WP 2970	Add concrete shield walls outside penetrations X28 and X29	4	LFC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
758	MCR 402 275/87000 184/87000 WP 2969	Modify primary containment penetration X46 and 150A for radiation sensors. Part of CAM/CAD	2	DEC	Vendor		Comp	Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
759	MCR 304	Provide mounting bracket for indicating light limit switch on torus to drywell vacuum breaker.	2	DEC	Vendor			Assd.					Retest	MAY BE COMPLETE, TEMPORARY fix.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

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TENNESSEE VALLEY AUTHORITY

BFMP UNIT 1

OUTAGE PLANNING LIST

5. Can be completed at anytime.

REV 3 DATE 4-24-75

WORK AREA Modifications

Item No.	Supporting Document (TR, ECH, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts			
1-31-2 760	L1321 MP2370	Resolve single failure criteria on control bay air conditioning piping system.	1	DL C	Vendor			Asnd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
1-18 761		Upgrade hangers and supports in various systems and show them on drawings.	5	DEC	Vendor			Asnd.					Retest	Doing as field change off of B-size drawings with typical.
					DED			Prepd.					SWP	May need ECH.
					Site			Appd.					Clear	
1-1 762	M100	Check out main steam drain valves panels 9-3/position ind (45N777-15) Do with 763.		DEC	Vendor			Asnd.					Retest	Complete 3/23/73.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
1-5 763	MCR-225 ERI-346	MS line drain valve interlock relay 158A. Do with 762.	3	DEC/65	Vendor			Asnd.					Retest	FDI will be issued DED disapproved 5-1-74
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
1-11 764	L1037	Add MOV to main steam supply to offgas preheater.	4		Vendor			Asnd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Asnd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

BEPP UNIT 0

OUTAGE PLANNING LIST

REVGeneral DATE 1/20/76

WORK AREA Modifications

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals			Procedure	Activity	Duration	Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document	Parts/Nat'l Status				Start Est. Comp.	Number of Shifts		
0-5	L-1284 MCR 332	Provide 220V AC/30 AMP service to atomic absorption unit in radiochem lab.	3		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
0-7	1035 L 1372 WP 2741C WP 3173C	Addition of card-key access control system	2		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
0-8	ECN 1174 C-5, C-8, C-44	Revise existing lawn sprinkler piping drawings and flow diagram to agree with revised parking area.	3		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
0-10	L-1280	Remove and cover abandoned stop log discharge structure.	2		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
0-12	M92A ER1-457 ER2-398	Diesel generator additions	1		Vendor			Assd.					Retest	Fire damage interface affect and preop completion.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
0-14	MCR 503 L 1398	Addition of storage facility for outage tools.	2		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



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3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 0

OUTAGE PLANNING LIST

REV General DATE 1/20/76

WORK AREA Modifications

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
0-15	MCR 146 ECN 1103 WP 3233 WP 3275	Provide facility for refilling breathing air cylinders.	1		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
0-16	L 1380	480V pumping station main board update drawing 35N310 to agree with singleline drawings and manufacturer prints.	2		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
0-25	ECN L1464 MCR 526	Mod. for additional tool and base cabinets for service building electrical shop.	3		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
0-26	ECN 1218	Revise wall louver on yard telephone equipment house.	3		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
0-27	ECN L1420	Modify 2 - tank WBG oil system and add waste collecting sumps and sump pumps for various conditions in handling waste from the tank drains of each tank per DFIG NM-5.	3		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
0-28	ECN L 1499 Ref: ECN 1103	Add preferred 480 volt AC supply to breathing air compressor (per Terry Tyler 7-7-75). Ref. item 0-0-15	1		Vendor			Assd.						Retest	In work.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	



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TENNESSEE VALLEY AUTHORITY
BFNP UNIT 0
OUTAGE PLANNING LIST

REV General DATE 1/20/76

WORK AREA Modifications

Page 3

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts			
0-30	L 1503	Remodeling of gatehouse Related to ECN 1035.	1		Vendor			Assd.					Retest	Need DED completion.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
0-32	L 1510	Add sheetmetal shear in the service bay.			Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
0-33	L1563 MCR 719	Change position of valve 2-119 as shown on drawing 47W856-2 for normally open to normally closed			Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
0-34	ECN 1035 WP 3995	Pull in new cables for door interlocks and alarm systems			Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
0-35	L1516	Provide additional documentation - no equipment or work involved			Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
0-36	L1538	Revise various conduit & grounding & lighting EM's for general yard area, pumping station and stack			Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Must Be Done
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3. Can Be Delayed

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
0-37	L1558 MCR 710	Drawing change - change range on IS-77-1A, 1B, & 14A to agree with what was installed.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
0-38	L1577	Miscellaneous revisions to electrical equipment and nameplate drawings to allow up-to-date conformance with corresponding wiring single line drawings.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
0-39	L1603	Revise cabling for off-gas isolation system bus A & B in accordance with wiring diagrams 45N785-2 & 45N786-2, ref. M9A.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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					Organiza-tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
12-1	ECN M210	Complete installation of auxiliary boiler steam supply to sellers jet on cask wash-down facility.	2		Vendor			Assd.					Retest	FCV 12-77A and 12-77B need material expedited.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
12-2	MCR 740	Replace the existing fuel flow control valves (Atlas Valve Company, Type 239) with new Fisher valves, Type 667FC. This is valve FCV-18-16 on boiler A. B. and C.			Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
12-3	MCR 749	Add drain line with valves to the trap legs on the atomizing steam lines on each auxiliary boiler.			Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
18-1	MCR 740	Replace existing fuel flow control valve Type 239 with new Fisher valve Type 667EC. This is valve FCV-18-16 on boilers A, B, and C.			Vendor			Assd.				Retest	WP 3836
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
18-2	MCR 770	Replace atomizer diff. pressure switch			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts			
23-1	M-87 L 1387	Add 4 RHRSW pumps and instru- mentation.	1		Vendor			Assd.					Retest	In work - no problems.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
23-2	C-23 L-1152 WP 2045 C WP 2046 C	RHRSW pumps freeze protection	2		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
23-4	L 1396	Reverse yes-no leads on RHRSW pump motor running logic block to agree with as-wired drawings. (Drawing change only.)	2		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organization	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
24-1	M-157 ER1-457 ER2-398 Ref: MCR 209 WP 2306, WP 2415. ER1-311 & R1 Ref: Item 1-24-4	Addition of 2 - 30,000 GPM RCW pumps and piping. (See U-1-24-4 also)	2		Vendor			Assd.				Retest	Piping & pumps installed, motors not here.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document	Parts/Nat'l Status			Number of Men/Craft	Number of Shifts			
25-1	MCR 417 WP 3055	Addition of water spigots at gatehouse on raw water and potable water.	3	DPP	Vendor			Assd.					Retest	Local approval made. DPP to work.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
25-2	MCR 594 L1490	Provide piping and valve arrangement to allow flushing of float cages on RSW storage float control level switches No. LS25-30A, -30B, -30C, -30D, -31A, and -31B	3		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
26-2	MCR 712	Install annubar flow sensor in the 14" HP fire protection header.	3	DPP	Vendor			Assd.				Retest	Locally approved, DPP to work. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
26-3	L1555	Valve marker tag no. assigned to two valves (0-26-931) valve in service bldg. to be (0-26-1072)			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts				
27-1	L-1291 MCR 317	Install manual valve in sample tank drain line.	3		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
27-2	M-421	Alter concrete in cooling tower pumping station sumps.	3		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
27-3	M-425 WP 3064	Cooling towers - Modify intake pumping station trash sluice.	3		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
27-4	L-1259	Add cooling tower data acquisition system.	2		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
27-5	L-1302 MCR 392 WP 2799	Add fish collection facility at trash sluice.	2		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
27-6	L-1311	Relocate motor operated gate board foundation and show as-constructed location of sample and water quality building.	2		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals			Procedure	Activity Duration	Dates:	Special Requirements	Remarks
					Organiza- tion	Date/ Document	Parts/Nat'l Status					
27-7	M9A WP 2290 WP 3149C	Cooling tower additions.	2		Vendor			Assd.			Retest	
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
27-8	L1487	Add a standpipe to the top of each cooling tower riser.			Vendor			Assd.			Retest	
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
27-9	L1501	Provide existing AC trip capability for all existing 4160V cooling tower breakers.			Vendor			Assd.			Retest	
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
					Vendor			Assd.			Retest	
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
					Vendor			Assd.			Retest	
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
					Vendor			Assd.			Retest	
					DED			Prepd.			SWP	
					Site			Appd.			Clear	

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
28-1	CR-17, 18, 19, 123	Make-up demin. acid and caustic lines.	3		Vendor			Assd.						Retest	17 and 18 reported as complete per memo, DTD 3/2/72.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
28-2	C-28 CR-76	Make-up demineralizer acid tank, pumps, and piping. Revise platform cover.	3		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
28-3	MCR 528 WP 3010-H	Modify piping to acid storage tank for unloading vendor tank trucks.	3	DPP	Vendor			Assd.						Retest	DPP to do. WP 3010 in hold.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
28-4		Connect acid storage tank trace heating cable (PLW 925)	3		Vendor			Assd.						Retest	Holding hookup for insulation installation.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
28-5		Insulate caustic and acid line.	3		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
28-6		Repair chlorine injection system.	3		Vendor		60184	Assd.						Retest	60184 - On-site November 20, 1974
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
28-7		Replace bypass shutoff valve of acid tank.	3		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
28-8		Add resin (anion) to make-up demineralizer.	3		Vendor		60149	Assd.				Retest	60149 - On-site February 12, 1975
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
28-9		Replace filter beds for nep-tune "Micro Elec."	3		Vendor		60148	Assd.				Retest	60148 - On-site December 11, 1974
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
28-10		Replace cation and anion resins in mixed bed.	3		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
28-11	MCR 714	Install flush line at the caustic storage tank valves 587 and 589.	3	DPP	Vendor			Assd.				Retest	Locally approved. DPP to work.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
28-12	MCR-777	Add a high-level alarm horn to the pumping station sump at the permanent intake			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document	Parts/Nat'l Status			Number of Men/Craft	Number of Shifts	Start Est. Comp.		
30-2	L-1306 MCR 197 & 341	Install exhaust fan in each of the existing ducts for both laundry room dryers.	3		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
30-3	MCR 331 ECN L1370	Provide exhaust vent from atomic absorption unit to the radiochemical laboratory hood "D" exhaust line.	3		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
30-4	MCR 531 ECN L1445	Route the ventilation exhaust duct from the evaporation building into an existing building ventilation duct.	2		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts				
31-1	L-1248	Replace chilled water pump impeller with larger one.	1	DPP/BFNP T. Haney	Vendor			Assd.					Retest	DPP - BFNP - T. Haney to work. Fill complete per MWH 11/3/75.
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
31-2	L1363 Ref: ECN 1105	Electrical changes resulting from redesign of air conditioning system.	2		Vendor			Assd.					Retest	
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
					Vendor			Assd.					Retest	
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
					Vendor			Assd.					Retest	
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
					Vendor			Assd.					Retest	
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
					Vendor			Assd.					Retest	
					DED			Prepd.				SWP		
					Site			Appd.				Clear		

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
39-1	L1454	Provide fire protection for STGB 1 and 2. Provide additional fire protection in stack (15 # CO ₂ extinguisher)	3		Vendor			Assd.						Retest	
					DED			Prepd.					SWP		
					Site			Appd.					Clear		
					Vendor			Assd.						Retest	
					DED			Prepd.					SWP		
					Site			Appd.					Clear		
					Vendor			Assd.						Retest	
					DED			Prepd.					SWP		
					Site			Appd.					Clear		
					Vendor			Assd.						Retest	
					DED			Prepd.					SWP		
					Site			Appd.					Clear		
					Vendor			Assd.						Retest	
					DED			Prepd.					SWP		
					Site			Appd.					Clear		
					Vendor			Assd.						Retest	
					DED			Prepd.					SWP		
					Site			Appd.					Clear		



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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
40-1	ECN M409	Yard piping - bldg. drainage. Add unwatering sump pumps at SE corner of RB to lower gnd. water level in order to grout possible future leaks.	2		Vendor		85117 83855	Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
40-2	ECN 1129 DPP CR # 77	Revise waste sump and waste sump pump piping at intake.	2		Vendor		86250 86090 86091	Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



Priority Codes:

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
44-1	MCR 757	Modify drain pumps, mechanical seals, and retaining plates to accomodate a Chesterton 770 mechanical seal.		DPP	Vendor			Assd.				Retest	DPP will work. Locally approved WP 3925. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
57-1	CR-212	Develop program for identifying fuses as to type, location and function. Cross reference GE and TVA numbers for fuses.	2		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
57-2	L-1164 MCR 120	Redesign shutdown base manual transfer scheme to bypass residual undervoltage relay.	2	Bridges	Vendor			Assd.				Retest	Need tech. spec. change 2-1164 not approved 12/17/74.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
57-5	MCR 522 WP 2783	Replace factory modified power supplies in the transfer trip transmitters and receivers for Trinity No. 1 and 2 - 500 kv line.	2	DPP	Vendor			Assd.				Retest	DPP to do.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
57-6	L-1349	Modify telemetering equipment to allow it to be calibrated to give Chattanooga correct output for unit 1.	2	PSO Bridges	Vendor			Assd.				Retest	DPSO should work. Complete.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
57-8	MCR 623	GE 500 kv PCB's 5204, 5214, 5218, 5224, 5228. Installations on check valve kit.	3	DPP	Vendor			Assd.				Retest	Locally approved. DPP to work
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
57-9	L 1531	Install watt-hour meter and current transformers in panels 5 and 7 to measure power fed to biothermal research facilities.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. of Comp.		
65-1	L-1211 L-1243 WP 3051	Add SGT building 2. Revise building 1 for access to new building. Ref:	1		Vendor			Assd.				Retest	See UO-65-3.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
66-4	MCR 546	Provide means for draining the oil from the vacuum pumps without removing the discharge filter assembly. Install a tee connector at bottom filter and isolation valve.	2		Vendor			Assd.						Retest	Need FDDR - Local approval of MCR.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
66-5	ECN 1211	Catalytic recombiners drain to condenser without loop seal. Valves FCV 66-73 and 88 normally closed.	2		Vendor			Assd.						Retest	Need safety review. Should be worked in conjunction with item 8.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
66-8	L1421	Off-gas system - Remove PS-66-124 and 125 and associated cabling.	2		Vendor			Assd.						Retest	Should be worked in conjunction with item 0-66-5.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
66-9	ECN 1181	Add rotometer to "seal" air lines to stem pack leak-off connection of isolation and control valve.	2		Vendor			Assd.						Retest	This covers unit 1 and 2 work.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
66-11	L1416	Add a new section of duct inside stack from 16" off-gas building exhaust pipe to the cubicle ventilation exhaust duct.			Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	



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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.			
70-2	L1409	Move check valve on FCV 70-81 thru 90 to supply side of solenoid valve. For units 2 and 3 FC1104.	2		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	



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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
74-3	M134 WP 5049	Add room temp. and humidity annunciators to RHR and core spray rooms. Add RHR pump seal temp. alarm.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts				
77-1	MCR 485 Ref: ECR M155 FDDR ERL-397	Revise the radwaste discharge to the river per FDDR ERL-397.	2		Vendor			Assd.					Retest	In work.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
77-5	M-32 WP 2381(c)	Added steam and air to floor drain and waste filters. added cation flow tanks and pumps system, added sludge removal system, changed floor drain and waste filters and pumps cup. and added conns. for future waste evap.	2		Vendor			Assd.					Retest	See item 24 in old book.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
77-6	M-32A	Extend instr. air to evap. building. This requires a penetration between the waste package room and the truck bay.	2	Sweet	Vendor			Assd.					Retest	WP 3550 - C. Another WP needs to be written for tie-in.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
77-7	M-422	Drain lines RW pumps.	2		Vendor			Assd.					Retest	WP 3500 in work.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
77-8	ECR later	Remove IS-77-21 and 4" vent pipe 2 on stack sump to allow 30" SBT to be installed.			Vendor			Assd.					Retest	WP 3592 C Removed.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



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					Organiza- tion	Date/ Document	Parts/Nat'l Status		Number of Men/Craft	Number of Shifts			
79-1	L1385	Revise the redundant fuel cask lifting system to be compatible with the fuel cask lifting yoke furnished by GE.	2		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
79-2	MCR 639 GE SIL 95	Rebuild the dryer and separator sling operating cylinders per GE SIL 95.	1		Vendor			Assd.				Retest	Need FDI for separator sling mod., before working this. The two can be worked together.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
79-3	MCR-762 Locally Approved	Modify the dryer and separator sling to gain additional clearance between the sling and steam line plugs in RPV.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.			
85-2	MCR 362 WP 3543	Add transformers for ultrasonic cleaner in CRD repair room and tool decontamination room. Locally approved. DPP to work.	2	DPP	Vendor			Assd.						Retest	
					DED			Prepd.					SWP		
					Site			Appd.					Clear		
					Vendor			Assd.						Retest	
					DED			Prepd.					SWP		
					Site			Appd.					Clear		
					Vendor			Assd.						Retest	
					DED			Prepd.					SWP		
					Site			Appd.					Clear		
					Vendor			Assd.						Retest	
					DED			Prepd.					SWP		
					Site			Appd.					Clear		
					Vendor			Assd.						Retest	
					DED			Prepd.					SWP		
					Site			Appd.					Clear		
					Vendor			Assd.						Retest	
					DED			Prepd.					SWP		
					Site			Appd.					Clear		

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
90-2	MCR 490 ECN L1332	Change backwash water for radiation effluent monitor (RE-90-130) from condensate to demineralizer water.	2		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
90-5	MCR 708	Change upscale setpoints to ≥ 2250 cpm and ≥ 2500 cpm. RR-90-101. Locally approved. DPP to work.	2	DPP	Vendor			Assd.				Retest	Work Plan 3901 Locally approved, DPP to work. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
90-6	L1492	Revise piping for stack gas radiation monitor. (Ref: MCR 20, FC-1232 and FC 1233) and add heat tracing for drywell radiation monitoring line (FC-1049).			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
238-1	L1484	Add 10" concrete curb around 480V transformer at intake to contain askarel (insulating fluid).	3		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	



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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
242-1	L1488	Change control wiring to prevent false tripping of 500kV Trinity 1 and 2 lines solid state relays.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document	Parts/Nat'l Status			Number of Men/Craft	Number of Shifts			
244-1	L-1230	Add 120V AC supply to code call relay in off-gas treatment and diesel generator buildings.	3		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
244-2	L-1212 WP 3319	Changing PAX alarms (Work in communications room only.)	3	Bridges	Vendor		85995	Assd.					Retest	Complete.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
244-3	L-1210	Relocate PAX phones in diesel generator building.	3		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
244-4	MCR 523	Add PAX phone in PSO office.	3	DPP	Vendor			Assd.					Retest	DPP to do.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
244-5	E-242	Add A. E. Cs. integrity check duplex signal adapter circuits as requested in Memo from T. M. Swingle to Fred Chandler dated 6/29/73.	2		Vendor			Assd.					Retest	WP 3604 Complete.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
244-6	L-1393	Add annunciation for loss of 48 V DC power - Telephones.	2		Vendor			Assd.					Retest	WP 3652
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
244-7	E-57	Install communications equipment in the off-gas building and over 9-53.	2		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
244-9	L-1435	Change penetration designations in unit 1 and 2 reactor building to EE Conn. G9. Record change only?	2		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
244-10	1213	Interconnect DFO office and communication room.	3		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.			
247-1	L1559	Revise street & isolation zone lighting & minor changes in various yard lighting features.			Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals			Procedure	Date	Activity	Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document	Parts/Nat'l Status							
261-1	L1602 WP 3906	Add floating point hardware, change slow memory with booms memory and change out drum coupler.		DPP	Vendor			Assd.					Retest	DPP to work. Complete.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
261-4	L1626	Add 2 cabinets per process computer of Fabri-Tek bulk core to replace the present drums. Also add one magnetic tape unit per process computer			Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
261-5	L1606	Increase rate of data transfer between the Fabri-Tek bulk core units and process computers.			Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

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Item No.	Supporting Document (IR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts			
301-1	L-1233 MCR-301	Relocate health physics lab hood ventilation air intake duct.	3		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

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DEFP UNIT 0

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Item No.	Supporting Document (IR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
305-1		Make permanent feed to sewage treatment plant.	2		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals			Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organiza- tion	Date/ Document	Parts/ Mat'l Status		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	
315-1	L-1314	Provide 4-wire microwave channel between BFNP and Chattanooga.	3		Vendor			Assd.				Retest	WP 3603
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
315-2	L-1232	Replacement of existing VHF radio terminal with equipment suitable for controlling the radio repeater at Monte Sano.	3		Vendor			Assd.				Retest	WP 3616
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
315-3	MCR 734	Strap out RH ₂ pilot regulator so that it is no longer in use - Micro-wave pilot regulator component.			Vendor			Assd.				Retest	WP 3837, 3891 COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

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WORK AREA Modifications

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
327-1	C-23A	Add power and control circuits for equipment access flood gate.	2		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
327-2	L1476	Change bolt anchors from 1" diameter to 7/8" diameter for drive base, dogging device, and drum base.	2		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	



Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

EFNP UNIT 0

OUTAGE PLANNING LIST

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft		Number of Shifts		
406-1	L1399	Addition of oil dispensing room per design philosophy request NM-3.	3		Vendor			Assd.				Retest	WP's 3668, 3870 and 3654C In work.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY
WFNP UNIT 0
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
409-1	ECN 1204	Modify file room to comply with ANSI standard 45.2.9, 11th draft.	2		Vendor			Assd.				Retest	WP 3756. Need as soon as possible.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza-tion	Date/Document		Date	Number of Men/Craft	Number of Shifts			
411-1	L1519 MCR 621	Temporary walls and doors to remain in permanent record storage room El. 573.61-1 and storage room 565.0-T-2C per MCR 621..	2		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
411-2	L1537 MCR 601 R1	Add outage "hot" tool room and jig room per MCR 601 R1.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY
BNFP UNIT 0
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WORK AREA Modifications
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
417-1	ECN 1098	Meteorological monitoring station. Work plan 3732.	2		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

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WORK AREA Modifications

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza-tion	Date/Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
418-1	ECN 1175	Off-gas treatment building - Provide instrumentation and root valve numbers - HVAC system equipment.	3		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
418-2	ECN L1446	Repair off-gas stack roof air-leak at elevation 666.5 ±			Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
420-1	ECN L1395	Minor revisions throughout yard areas involving physical design no. 1 conduit and grounding drawings only.	3		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
420-2	C-2	Principal access road relocation electrical lighting of road. Add neutralizing transformer house.	3		Vendor			Assd.				Retest	WP 3242 and 3178
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
420-3	MCR 741	Install rock filled ditch to carry rain-water and discharge water from RHRSW room sump pumps away from north side of intake plant building.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
420-4	L1605	Raise top of gate structure from el. 570.5' to el. 574.5'.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 0

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
426-1	M9A	Addition of 6 mechanical draft cooling towers.	2		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

BFEP UNIT 0

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
429-1	C-35	Yard security. Electric gate operation.	2		Vendor			Assd.				Retest	WP 3321 Ref: 2-429-3
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
429-2	L1591	Relocate security fence west of gate structure 1 and install a gate for access to man holes outside the security barrier			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes.

1. Emergency outage. 4. Nice but not must item.
 2. Expected critical path (CP). 5. Contingency item, plan
 3. Must item but not CP. for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BNPP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
 7. Do after outage.

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WORK AREA Refueling Floor

Page 1

Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organization	Date/Document			Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
1	MMI-24	Install reactor cavity shield plugs..	3	DPP/Myers Conway	Vendor	NR		Assd.	MMI 24	1 Crane 3 EM	6 hr		Retest	One SWP should cover items 1 thru-6. Complete marking off floor.	
					DED	NR		Prepd.					SWP		
					Site			Appd.					Clear		
2	MMI-2	Install Drywell Head.	3	DPP/Myers Conway	Vendor	NR		Assd.	MMI 2	1 Crane Op 10 EM	12 hr		Retest		
					DED	NR		Prepd.					SWP		
					Site			Appd.					Clear		
3	MMI 24	Install Fuel Pool and Equipment Pool Shield Plugs.	3	DPP/Myers Conway	Vendor	NR		Assd.	MMI 24	1 Crane Op 4 EM	2 hr		Retest		
					DED	NR		Prepd.					SWP		
					Site			Appd.					Clear		
4	MMI 1	Install RPV Head Insulation and other interference.	3	DPP/Myers Conway	Vendor	NR		Assd.	MMI 1		8 hr		Retest		
					DED	NR		Prepd.					SWP		
					Site			Appd.					Clear		
5	MMI 1	Install RPV Head.	3	DPP/Myers Conway	Vendor	NR		Assd.	MMI 1				Retest	Refer to BF74M4 (SIL 61).	
					DED	NR		Prepd.					SWP		
					Site			Appd.					Clear		
6	MMI-1C	Remove/Install as necessary reactor service platform.	3	DPP/Myers Conway	Vendor	NR		Assd.	MMI				Retest		
					DED	NR		Prepd.					SWP		
					Site			Appd.					Clear		



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

NERP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Refueling Floor

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Man/Craft	Number of Shifts	Start Est. Comp.		
0-25 0-26 7	TR FDI 153/ 87000 175/87000	Remove Startup Vibration Instrumentation and dryer separator test instrumentation. 99% Complete.	2	GE/DPP Wimberly CRBrimer	Vendor			Assd.	GE/ DPP			Retest	Get procedure/tools from GE. This may be GE scope; if not, probably want to contract it. COMPLETE.
					DED			Prepd.				SNP	
					Site			Appd.				Clear	
8	EF74M5 SIL 105	Feedwater Sparger Inspection	2	GE/DPP Wimberly CRBrimer	Vendor			Assd.	GE/ DPP			Retest	See NERP item #10. COMPLETE.
					DED			Prepd.				SNP	
					Site			Appd.				Clear	
9		Feedwater Sparger Repair See GE letter EF5087 dated Feb. 5, 1974, and reply by D. R. Patterson to GE dated 2/26/74.	5/2	GE/DPP Wimberly CRBrimer	Vendor			Assd.	GE/ DPP			Retest	COMPLETE.
					DED			Prepd.				SNP	
					Site			Appd.				Clear	
10		Install Steam Line Plugs	3	DPP Myers Conway	Vendor			Assd.				Retest	COMPLETE.
					DED			Prepd.				SNP	
					Site			Appd.				Clear	
15B		Submit to NRC			Vendor			Assd.				Retest	
					DED			Prepd.				SNP	
					Site			Appd.				Clear	
15A		Prepare fuel unloading procedure.			Vendor			Assd.				Retest	
					DED			Prepd.				SNP	
					Site			Appd.				Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Refuel Floor

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates:		Special Requirements	Remarks
					Organization	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
13		Fuel sipping (out of core)	5	BFNP/ GE McNeech Branfley	Vendor			Assd.					Retest	COMPLETE.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
14		Fuel Reconstitution		BFNP John Studdard	Vendor			Assd.					Retest	None Required - No fuel failures
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
15		Fuel shuffling as required.	3	DEP TPB John Studdard	Vendor			Assd. TPB					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
16		Inservice Inspection of Vessel and Head to Flange welds & studs, nuts, washers & ligaments.	3	DEP RHDaniel	Vendor			Assd.			12/1		Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
17		Inservice Inspection of Vessel Internals (Visual)	3	DEP Wimberly Brimer	Vendor			Assd.					Retest	Include visual inspection of core spray header. COMPLETE.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
18	IR IMI SIL 83 & 97 BF74E19 & 28	Replacement of Defective Nuclear Instrumentation LFRM's, IFRM's, SRM's.	3	Chatt/GE Wimberly CRBrimer	Vendor			Assd. IMI					Retest	May have to replace all LFRM's, need to purchase them and ensure that spares are latest design spares. None Required
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Refueling Floor

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Item No.	Supporting Document (TR, EGN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Stat'l Status	Procedure		Activity Duration	Dates:		Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Man/Craft	Number of Shifts	Start Est. Comp.		
20		Recirculation Jet Pump. Hold down bolt to Torque Test & Visual inspection.	3	Chatt. Wimberly CRBrimer	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
21 21A		Remove Recirculation Jet Pump. Replace Recirc Jet pumps.	5/3	Chatt. Wimberly CRBrimer	Vendor			Assd.	MMI 25				Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
22		Fuel channel inspection. See letter from GE to N. B. Hughes dated May 15, 1974. Should have BFNP's report in 1 month.	3	BFNP T. Bragg	Vendor			Assd.					Retest	Work with nuclear section to establish criteria & inspection procedure & OPS to perform inspection: COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
23 23A		Dimensional inspection of 13 selected fuel channel. Replace defective fuel channels.		BFNP T. Bragg	Vendor			Assd.					Retest	COMPLETE.
					DED			Prepd.					SWP	Spare hammers due 12/1.
					Site			Appd.					Clear	
24		Steam Line Plug removal.	3	Chatt.	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes

1. Emergency outage. 4. Nice but not must item.
2. Expected critical path (CP). 5. Contingency item, plan
3. Must item but not CP. for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BEFP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Refueling Floor

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals Organiza- tion Date/ Document	Parts/Mat'l Status	Procedure Date	Activity Duration Number of Man/Craft	Dates: Start Est. Comp. Shifts	Special Requirements	Remarks
25		Decontamination of reactor cavity, refuel floor, etc.	3	Chatt. Wimberly CRBrimer	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	
26	LID63 SIL - 13 MCR	Install seal on Dryer/Sep pool.	1	Chatt. R. Schean	Vendor DED Site		Assd. Prepd. Appd.		11/3	Retest SWP Clear	Try to do before the refueling outage. CEC following design and procurement of seal. See Item 1-79-1.
27		Install new hook on Rx overhead crane.	6	DEC	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	Started 1/13/75. COMPLETE.
0-26 28	FDI 175/ 87000 TR41550	Inspect steam dryer for cracks NERP Item: 80.	3	Chatt. RHDaniel	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	COMPLETE.
29		Core Verification.	3	BEFP TBragg	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	Scheduled.
30		Reinstall studs in line with fuel pool.	3	Chatt. CRBrimer WRTurner	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	Can't complete until after fuel reloaded.

Priority Codes:

1. Emergency outage. 4. Nice but not must item.
 2. Expected critical path (CP). 5. Contingency item, plan
 3. Must item but not CP. for but don't expect to do.

KENTUCKY VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
 7. Do after outage.

REV General DATE 1/20/76

WORK AREA Refueling Floor

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates:		Special Requirements	Remarks
					Organization	Date/Document		Date	Number of Men/Craft		Start Number of Corp. Shifts	End Number of Corp. Shifts		
31		Hydro RPV	2	Chatt/BFNP HMGarland J. Studdard	Vendor			Assd.					Retest	Scheduled.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
32	MCR - 518 BF74M18 SIL 109	Modify refueling platform hook to provide positive indication. See letter from D. R. Patterson to Mr. Bankus (GE) dated 5/3/74.	3	DEC Hekking	Vendor			Assd.					Retest	See NERP item 138.
					DED			Prepd.					SWP	Duplicated. See Item 1-79-6.
					Site			Appd.					Clear	
33		Inspect 20 Drywell Holddown bolts in accordance with JEG. to Moseley's letter dated 4/17/74, WRT DRO Bulletin 74-3.	3	Chatt. RHDaniel	Vendor			Assd.			12/1		Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
34		Install/Remove as necessary cattle shute shield. Trail fit cattle shute on all 3 units.	3	Wimberly CRBrimer G.L. Messer	Vendor			Assd.					Retest	Cut off enough of insulation. Guide pipe to allow proper installation of cattle shute.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
35	BF74M2	Replace steam dryer & separator	3	DPP	Vendor			Assd.	MMI				Retest	Refer to BF74M2 (SIL 35)
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
36					Vendor			Assd.					Retest	Refueling outage.
					DED			Prepd.					SWP	
					Site		N.R.	Appd.					Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Refueling Floor

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Men/Craft	Number of Shifts			
37		Change out defective TIPS & cables.	3	BFNP JPittman	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
38		Inspect fuel bundle locking tab washers on discharged fuel. JACoffey to HJGreen - 45D dated 8/22/74.	3	BFNP Operations	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
39	TR21629 BF74E17 SIL 86 MCR - 637	Install screens over reactor cavity drains, equipment pool.	4		Vendor			Assd.				Retest	CEC following up. See item 1-0-39.
					DED			Prepd.				SWP	COMPLETE.
					Site			Appd.				Clear	
40		Rebuild RPV head stud tensioner prior to refueling outage.	6	BFNP WARoberts	Vendor			Assd.				Retest	Fabricate test stand to test tensioner at pressure.
					DED			Prepd.				SWP	Not Required.
					Site			Appd.				Clear	
41	N74M15	Inspect reactor building overhead crane in accordance with DPM N74M15.	6	Chatt. Ziegler	Vendor			Assd.				Retest	See NERP item 13. A crane crew is being established to conduct these inspections. COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
42					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Refueling Floor
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Item No.	Supporting Document (TR, EGN, MCR)	Description	Priority	Division/ Person Responsible	Approvals Organiza- tion Date/ Document	Parts/Mat'l Status	Procedure Date	Activity Duration Number of Men/Craft	Dates: Start Est. Comp.	Special Requirements	Remarks
44	MCR	Make various modifications to the service platform.	6	BFNP WARoberts	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	Need MCR
45	MCR	Modify dryer and separator strong back operating cylinder.	6	Chatt. Conway	Vendor DED Site		Assd. Prepd. Appd.	Duplicated See 79-17		Retest SWP Clear	BFNP 74 MI4 Need MCR. Order Kits. GE SIL 95.
46	1663 BF 75-135	Fabricate work platform for inspecting F.W. Sparger Expect about a 1 REM/Hr field	2	Chatt. F. Forsyth	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	Tony Vest to provide sketch for platform. COMPLETE
47	DEM BF75M3 MMI 46	Clean refueling floor, floor, walls & overhead crane.	3	DPP Chatt.	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	COMPLETE.
48	DEM BF75M3 MMI 46	Clean spent fuel storage pool	3	DPP/Chatt.	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	COMPLETE.
					Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	



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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA _____

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. of Comp.	Special Requirements	Remarks
					Organization	Date/Document		Date	Number of Men/Craft		Number of Shifts		
50	MCR 638	Make modifications to ensure refueling platform alignment IAW SIL 122.	4	Chatt. Hekking	Vendor			Assd.	3M	2		Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
51	MCR 602	Drill nut & install pin in grapple lock nut on refueling platform IAW SIL 120.	4	Chatt. Hekking	Vendor			Assd.	2M	1/2		Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
52	MCR 640	Install grapple hook locking tab on refueling platform IAW SIL 125.	4	Chatt. Hekking	Vendor			Assd.	2M	1/2		Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
54	TR 28247	Install & test electrical cards on refueling platform control circuit.	3	BFNP/TAC	Vendor			Assd.	2E	1/2		Retest	COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
55	TR 28252	Repair bad depth indicator on refueling platform.	3	BFNP/TAC	Vendor			Assd.	2E	2		Retest	Need new cable. COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
56	TR 28253	Replace X, Y axis selsyn position indicator on refueling platform.	3	BFNP TAC	Vendor			Assd.	2E	1		Retest	Need new selsyn. COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
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REV General DATE 1/20/76

WORK AREA Refueling Floor

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document		Date	Number of Man/Craft		Number of Shifts		
57	TR 28254	Repair air compressor leak on refueling platform.	3	BFNP/MWH	Vendor			Assd.	2F	1		Retest	COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
58	TR 28255	Replace & test tachometer generator on refueling platform.	3	BFNP TAC	Vendor			Assd.	2E	1/2		Retest	COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
59	TR 28256	Replace various cannon plugs that are missing on refueling platform.	3	BFNP TAC	Vendor			Assd.	2E	1/2		Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
60	TR 28257	Inspect refueling platform power cable for damage. Check power cable harness for proper position & operation.	3	BFNP/TAC	Vendor			Assd.	2E	1/2		Retest	COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
61	TR 28258	Replace grapple hose roller guide on refueling platform.	3	BFNP/MWH	Vendor			Assd.	2M	1/2		Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
62	TR 28259	Terminate lefted control wires on refueling platform.	3	BFNP/TAC	Vendor			Assd.	2E	1/2		Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
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WORK AREA Refueling Floor
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
63	TR 28260	Locate, replace & check out the control cabinet for the U-1 refueling platform.	3	BFNP/TAC	Vendor			Assd.	2E	2		Retest	COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
64	TR 28261	Replace the mast up limit switch on U-1 refueling platform.	3	BFNP/TAC	Vendor			Assd.	2E	1/2		Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
65A		Obtain blade guides peach-bottom		OD/RGM	Vendor			Assd.	5/29			Retest	COMPLETE
65		Obtain blade guides from GE			DED			Prepd.	6/10			SWP	
					Site			Appd.				Clear	
66		Program implemented to prevent inadvertent travel of crane over spent fuel pool.		DPP/OD	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
67		Obtain socket for channel fastener.	3	BFNP/MWH	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
68		Procure electric hoist for Carosel & check out tensioners.	3	Chatt. Ziegler	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1
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6. Do before outage.
7. Do after outage.

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WORK AREA Refueling Floor
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:		Special Requirements	Remarks
					Organization	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Comp.		
69		Complete refuel floor laydown drawing.		DEP/OD	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
70		Reactor building crane aux. hook 125% load test.	3	BFNP/WAR	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
71		Review and update refuel floor procedures.	3	DEP/OD	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
72		Inventory & checkout if possible all refuel floor tools & equipment.	3	Chatt. Brimer Wimberly	Vendor			Assd.					Retest	COMPLETE.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
73*					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
74		Complete preop T-5 on Unit 3	3	DEC	Vendor			Assd.					Retest	COMPLETE.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DPP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

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WORK AREA Refueling Floor

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Patts/Int'l Status	Procedure		Activity Duration	Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
75		Complete preop T-20 on Unit 3	3	DEC	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
76		Remove temporary wall between Unit 2 & Unit 3.	2	DEC	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.		1 wk solid			SWP	
					Site			Appd.		21/24			Clear	
77		Remove unit 3 RPV head	2	DPP/OD	Vendor			Assd.					Retest	COMPLETE.
					DED			Prepd.		1/8			SWP	
					Site			Appd.					Clear	
78		Install Unit 3 drywell head	2	DPP/OD	Vendor			Assd.					Retest	
					DED			Prepd.		3/8			SWP	
					Site			Appd.					Clear	
79		Cutdown temporary crane in Unit 3.	2	DEC	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.		8/8			SWP	
					Site			Appd.					Clear	
80		Use overhead crane to remove temporary crane.	2		Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Refueling Floor

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
81		Build air tight enclosure around temporary crane tracks	2	DEC	Vendor			Assd.		4 hrs.		Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
82		Remove temporary crane track.	2	DEC	Vendor			Assd.		2/8		Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
83	WP	Remove all items in U-3 requiring the use of the 125 ton hook.	2	DEC/DPP	Vendor			Assd.		6/12		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
84		Complete final cleanup of U-3	2	DEC	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
85		Install U-3 crane not track & ensure rest of track is ready for crane.	2	DEC	Vendor			Assd.		2/12		Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
86		Repaint entire U-1 & U-2 refuel floor.	4	DEC	Vendor			Assd.	After installation of head & shield plugs.			Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

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TENNESSEE VALLEY AUTHORITY
BFNP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Refueling Floor
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Procedure	Activity	Duration	Dates:		Special Requirements	Remarks
					Organization	Date/Document				Start	End		
99		Remove startup inst. below lower core plate.	3	Chatt./GE Brimer Jones	Vendor		Assd.	MMI 2	3.1B	22		Retest	COMPLETE
					DED		Prepd.			DA		SWP	
					Site		Appd.					Clear	
A1	BFNP S.T. 8	Install test equip. for LPRM vibration test.	3	Chatt/GE Jim Cross	Vendor		Assd.			2/06	hr	Retest	COMPLETE
					DED		Prepd.					SWP	
					Site		Appd.					Clear	
A2		Conduct vibration test of LPRM's.	3	Chatt. Jim Cross	Vendor		Assd.		Starts 8/10	1/10	hr	Retest	COMPLETE
					DED		Prepd.					SWP	
					Site		Appd.					Clear	
A3		Plug LPRM flow holes in core in core plate.	3	GE/BFNP OP	Vendor		Assd.			12/12	HR	Retest	
					DED		Prepd.					SWP	
					Site		Appd.					Clear	
A4		Drill holes in fuel.	3	GE/BFNP OPS	Vendor		Assd.			56/12	HR	Retest	
					DED		Prepd.					SWP	
					Site		Appd.					Clear	
A5		Reshuffle damaged fuel channels.	3	BFNP/OPS	Vendor		Assd.			10/8	HR	Retest	
					DED		Prepd.					SWP	
					Site		Appd.					Clear	



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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Drywell Work
Page 18

Item No.	Supporting Document (TR, EGN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity	Duration	Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document			Date			Start Est. Comp.	End Comp.		
100	TR-28102	Conduct ISI on piping	3	Chatt. RHDaniel FGWoody	Vendor			Assd.	Chatt.		10	12/1		Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
101	MMI-7	Replace CRD's as required. (CRD.30-47).	2	Chatt. R. Schean D. Tullis	Vendor			Assd.		4EM	10			Retest	COMPLETE.
101A		Withdraw CRD's		BFNP	DED			Prepd.	MMI 7					SWP	
					Site			Appd.						Clear	
102	MMI-7 BF73M13 BF73M15	Overhaul CRD's as required	3	Chatt. Childers D. Tullis	Vendor			Assd.		2EM	10			Retest	Tony Vest to work up diagnostic COMPLETE
					DED			Prepd.	MMI 7					SWP	
					Site			Appd.						Clear	
103	SI	Test MSIV's	2	Chatt. J. Roberts	Vendor			Assd.			2 da			Retest	COMPLETE
					DED			Prepd.		2SE				SWP	
					Site			Appd.						Clear	
104	TR-28103	Repair MSIV's	2	Chatt. EEParks	Vendor			Assd.		3M 8P	8 40			Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
105	SI	Other containment ISO. VIW. testing.	3	Chatt. JRoberts	Vendor			Assd.		2SE 4P	24 24			Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Drywell Work
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Organization	Date/Document	Parts/Mat'l Status	Procedure	Activity	Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
106	TR-28303	Other containment ISOL repair	3	Chatt. Parks Belew Wiser	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
107 107A 107B	TR-28304	Nitrogen leak test MSRV's Rebuild defective MSRV's Steam test rebuilt MSRV'6	3	Chatt. Hekking	Vendor	MMI 13		Assd.	MMI 13	2F	1	Retest	
					DED	MMI 13-A		Prepd.	MMI 13-A			SWP	
					Site	?	B	Appd.	?	B		Clear	
108	TR-28305	Replace rebuilt MSRV's.	3		Vendor			Assd.	MMI 13	2F	2	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
109	MMI-9	Recirculation pump seal replacement in both pumps	3	BFNP WARoberts	Vendor			Assd.				Retest	We do need to change. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
110	MMI-36 BF74MI17	Inspect Hydraulic Shock arrestors (both Bergen Paterson & Grinnell).	3	BFNP	Vendor			Assd.	MMI 36	2F	2	Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
111	MMI-45	Rebuild snubbers	3	BFNP	Vendor			Assd.	MMI 45	2F	4	Retest	Need parts. COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
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REV General DATE 1/20/76

WORK AREA Drywell Work
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Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Organization	Date/Document	Parts/Stat'l Status	Procedure	Activity	Duration	Dates:	Special Requirements	Remarks
								Date	Number of Man/Craft	Number of Shifts	Start Est. Comp.		
112		Replacement Equipment Access Hatch as required.	5	BFNP	Vendor			Asstd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
113	TR-28306 BF74E12 SIL 76	Replace TIP tubing (Conduct TIP friction test) Remove prior to CRD work to prevent damage.	3	BFNP WARoberts JPittman	Vendor			Asstd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
114	TR-28307 BF73M	Remove/Replace permallic shielding around nozzles.	3	Chatt. GJones	Vendor			Asstd.				Retest	Probably already complete.
					DED			Prepd.				SWP	COMPLETE
					Site			Appd.				Clear	
115	TR-28308	Inspect Torus. IAW MMI 44.	3	BFNP/Chatt. L. Curvin	Vendor			Asstd.	MMI 44	Engineer	1/2	Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
116	TR-28309 MMI 1.0-	Inspection of Structural & Seismic support bolts, and welds on Class I components IRO bulletin 74-3 JEG to Mosely (AEC letter 4/17/74)		Chatt. RHDaniel FGWoody	Vendor			Asstd.			12/1	Retest	Drywell head bolts complete Need bolts polished.
					DED			Prepd.				SWP	COMPLETE
					Site			Appd.	Contractor 1			Clear	
117	TR-28310	UT 2 RPV stabilizer rods UT 8 support skirt holdown bolts IAW JFG to Mosely - letter dated April 17, 1974.		Chatt. RHDaniel FGWoody	Vendor			Asstd.			12/1	Retest	
					DED			Prepd.			1/2	SWP	COMPLETE
					Site			Appd.				Clear	



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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

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REV General DATE 1/20/76

WORK AREA Drywell Work
Page 21

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Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Material Status	Procedure	Activity	Duration	Dates:		Special Requirements	Remarks
					Organization	Date/Document					Start Date	Number of Man/Craft		
118	TR-28311	Inspect Rx recirculation valves in accordance with DFM No. N73M14.	3	Chatt. Parks/Wiser	Vendor			Assd.			1/4	10/13	Retest	COMPLETE except for part to run surveillance instruction.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
119	TR-28312	Visually inspect ring girder pedestal nuts.	3	Chatt.	Vendor			Assd.			1/4	12/1	Retest	RH Daniel to RE Hereford memo dated 6/21/74. Problem occurred at Pilgrim NERP item 156. COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
120	TR-28313	Test and repair/replace check valves on ADS relief valve accumulators. RE Beers to HMBankus, TVA letter No. 3575 dated 9/26/74.	3	BFNP Tullis	Vendor			Assd.				9/29	Retest	
					DED			Prepd.					SWP	
					Site			Appd.		5/8			Clear	
121	TR-28314	Determine extent of damage on electrical equipment in drywell due to spurious voltage related to fire.	3	DPP/Cross	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
123	TR-34382	Tag control air valves in drywell.	4	BFNP	Vendor								Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
125	TR-13268	Repair swinging boom hoist in drywell over Recirc pump 1A	3	BFNP	Vendor			Assd.			3/8	9/8	Retest	Should be done before changing seal in 1A recirc pump. COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Drywell Work

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Int'l Status	Procedure	Activity	Duration	Dates:		Special Requirements	Remarks
					Organization	Date/Document					Start Date	Number of Shifts/Comp.		
126	TR-34385	Adjust packing on valves in drywell.	3	BFNP	Vendor			Assd.			9/22	Retest	COMPLETE	
					DED			Prepd.		5/8		SWP		
					Site			Appd.				Clear		
127	TR-33076	Inspect all MSIV dashpots for proper oil level and any signs of leakage.	3	Chatt/Parks	Vendor			Assd.				Retest	VOID	
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
128	TR-28140	Conduct ultrasonic inspection of recirc. discharge bypass line in accordance with IRO bulletin.	3	DPP/Daniel	Vendor			Assd.			12/1	Retest	COMPLETE	
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
					Vendor			Assd.				Retest		
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
					Vendor			Assd.				Retest		
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
					Vendor			Assd.				Retest		
					DED			Prepd.				SWP		
					Site			Appd.				Clear		



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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Drywell/torus

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organization	Date/Document		Date	Men/Craft	Number of Shifts	Start Est. Comp.		
129A	MMI	Remove 4" recirc discharge bypass line A pump side.	3	DPP	Vendor			Assd.	OD			Retest	Need to get FDI from GE then get ECN from DED. Acct# NL-765-82 643.1
				OD	DED			Prepd.				SWP	
					Site			Appd.				Clear	
129B		Remove 4" recirc discharge bypass line "B" pump size.		OD DPP	Vendor			Assd.	OD			Retest	Material purchased on above acct. # 9/8/75.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
130	MMI	Replace bonnet gasket in 1-FCV-68-3 recirc a disch vlv.	3	Chatt. Parks	Vendor			Assd.	OD			Retest	Have Anchor Darling Rep. John Swannian on site. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
131	TR-28263	Replace bonnet gasket in 1-FCV-68-79 recirc B disch vlv.	3	Chatt. Parks	Vendor			Assd.	OD			Retest	Have Anchor Darling Rep. John Swannian on site. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
132	TR-28262	Tighten bonnet studs on all Anchor Darling vlvs similar to recirc disch.	3	Chatt. Childers	Vendor			Assd.				Retest	Determine proper torque values for each valve. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
133	TR-34385	Tighten pressure seal rings on all applicable valves.	3	BFNP	Vendor			Assd.				Retest	Determine proper torque values for each valve. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Drywell/Torus
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Item No.	Supporting Document (TR, ECR, NCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:		Special Requirements	Remarks
					Organization	Date/Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
134	Special Procedure	Refill Torus.	3	BFNP/OPS	Vendor			Assd.					Retest	Procedure should specify venting procedure.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
135	TR 28281	Inspect mechanical yawway snubbers for freedom of movement.	3	BFNP	Vendor			Assd.	2F	1	9/9		Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
136		Replace "D" SRM	3	BFNP/JRP	Vendor			Assd.	IMI				Retest	Clear drywell of all other work.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
137		Receive equipment for refinishing U-3 Torus.		Metalweld.	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	COMPLETE
					Site			Appd.					Clear	
138		Dye penetrant inspect CRD's for cracks.	2	BFNP/Tullis/Paige	Vendor			Assd.					Retest	7 of 19 with indications. COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
139		Test all electrical penetrations into the primary containment.	3	Chatt.	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



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TENNESSEE VALLEY AUTHORITY

RRNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20

WORK AREA Drywell/Torus
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates:		Special Requirements	Remarks
					Organization	Date/Document		Date	Number of Men/Craft	Number of Shifts	Start Date	Comp.		
140		Drain Torus.	2		Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
141		Clean torus.	2	DPP	Vendor			Assd.	5	DA			Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
142		Grind welds & other sharp edges, torus.	2	DEC	Vendor			Assd.	1431	DA			Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
143A		Rough blast torus	2	Metalweld	Vendor			Assd.	20	DA			Retest	
143		Blast & coat vent header internals.	2	Metalweld	DED			Prepd.	10	DA			SWP	
					Site			Appd.					Clear	
144		Sandblast & final clean first half of upper 2/3 torus.	2	Metalweld	Vendor			Assd.	12	DA			Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
145		Coat 1st half of upper 2/3 torus.	2	Metalweld	Vendor			Assd.	5	DA			Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



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TENNESSEE VALLEY AUTHORITY

DEPT UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedural		Activity Duration	Dates: Start Est. of Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Man/Craft		Number of Shifts		
146	clean	Move equipment & sandblast & 2nd half.	2	Metalweld	Vendor			Assd.		13	DA	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
147		Paint 2nd half of upper 2/3's of torus.	2	Metalweld	Vendor			Assd.		5	DA	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
148		Set up, blast, & final clean 1st half lower 1/3 torus.	2	Metalweld	Vendor			Assd.		10	DA	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
149		Coat 1st half of lower 1/3 & cure.	2	Metalweld	Vendor			Assd.		2	DA	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
150		Cure 1st half of torus.	2	Metalweld	Vendor			Assd.		2	DA	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
151		Set up & blast 2nd half of torus & final clean.	2	Metalweld	Vendor			Assd.		12	DA	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1
OUTAGE PLANNING LIST

REV General DATE 1/20/76

WORK AREA

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organization	Date/Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
152		Coat 2nd half of torus.	2	Metalweld	Vendor			Assd.	2	DA		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
153		Cure 2nd half of torus.	2	Metalweld	Vendor			Assd.	2	DA		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
154		Fill torus.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
155	TR-35902	Weld flange on torus construction drain in N.W. quadrant penetration X231A to make permanent repair to recirc. pump "1A" flow..	3	BFNP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
156	MMI	Element sensing line (remove beer can fix).	3	Chatt.	Vendor			Assd.	3	8		Retest	COMPLETE except OP.HVD.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
157		Replace Yarway mechanical snubbers with product improvement type.	3	BFNP	Vendor			Assd.				Retest	Exception item.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BEPP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Drywell/Torus

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Part/Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organization	Date/Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
163		Blast & coat vent header internals.	2	Metalweld	Vendor			Assd.	10	DA		Retest	
					DED			Prepd.				SWP	
					Site			Ann'd.				Clear	
164		Sandblast & final clean first half of upper 2/3's torus.	2	Metalweld	Vendor			Assd.	12	DA		Retest	
					DED			Prepd.				SWP	
					Site			Ann'd.				Clear	
165		Coat 1st half of upper 2/3's torus.	2	Metalweld	Vendor			Assd.	5	DA		Retest	
					DED			Prepd.				SWP	
					Site			App'd.				Clear	
166		Move equipment, sandblast & clean 2nd half torus.	2	Metalweld	Vendor			Assd.	13	DA		Retest	
					DED			Prepd.				SWP	
					Site			App'd.				Clear	
167		Paint 2nd half of upper 2/3's of torus.	2	Metalweld	Vendor			Assd.	5	DA		Retest	
					DED			Prepd.				SWP	
					Site			Ann'd.				Clear	
168		Set up, blast, & final clean 1st half lower 1/3 torus.	2	Metalweld	Vendor			Assd.	10	DA		Retest	
					DED			Prepd.				SWP	
					Site			Ann'd.				Clear	

Priority Codes:

1. Emergency outage.
 2. Expected critical path (CP).
 3. Must item but not CP.
 4. Nice but not must item.
 5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DEPT UNIT 1
OUTAGE PLANNING LIST

REV General DATE 1/20/76

WORK AREA _____

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:		Special Requirements	Remarks
					Organiza-tion	Date/Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Corp.		
169		Coat 1st half or lower 1/3 & cure.	2	Metalweld	Vendor			Assd.		2	DA		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
170		Cure 1st half of torus.	2	Metalweld	Vendor			Assd.		2	DA		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
171		Set up & blast 2nd half of torus & final clean.	2	Metalweld	Vendor			Assd.		12	DA		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
172		Coat 2nd half of torus.	2	Metalweld	Vendor			Assd.		2	DA		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
173		Cure 2nd half of torus.	2	Metalweld	Vendor			Assd.		2	DA		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
174		Retighten FCV 1-68-3 & 1-68-70 when the reactor is heated JP	3	Chatt./Jones	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

REPAIR UNIT 1
OUTAGE PLANNING LIST

REV General DATE 1/20/76

WORK AREA Drywell

Page 30

Item No.	Supporting Document (TR, ECM, WCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
175		Repair SIC isolation check valve #63-525.		Chatt/Brimer	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
176		Repair SIC isolation check valve #63-526.		Chatt/Brimer	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
177		Repair Recir. pump A discharge isolation valve #68-3.		Chatt/Parks	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
178		Repair recir pump B discharge isolation valve #68 79.		Chatt/Parks	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
179		Repair core spray testable check valve #75 26.		Chatt/Parks	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
180		Repair core spray testable check valve #75-54.		Chatt/Parks	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Reactor Bldg.

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals Organization Date/Document	Parts/Mat'l Status	Procedure Date	Activity Duration Number of Men/Craft	Dates: Start Number of Shifts End Comp.	Special Requirements	Remarks
200	TR-28317 SIL-66	Inspect selected CRD accumulators for problem relating to flaking of nickel plating.		Chatt.	Vendor DED Site		Assd. Prepd. Appd.	2F 4/8	9/9	Retest SWP Clear	See NERP item 32. Not required.
201	TR-28318	Inspect Motor operated valves referenced by Preop G-31. Deficiency report J.E. Gilleland to D. F. Kmuth, AEC, dated 2/26/74.	3	Chatt/Parks Belew/Kiner Childers	Vendor DED Site		Assd. Prepd. Appd.	2M 5	9/15	Retest SWP Clear	Stake the threads on all limit torque operator lock nuts.
202	TR-31147	Inspect A RBCCW system heat exchanger for general conditions & clams.	3	BFNP	Vendor DED Site		Assd. Prepd. Appd.	3F 1		Retest SWP Clear	COMPLETE
203	TR-31147	Inspect B RBCCW system heat exchanger for general conditions & clams.	3	BFNP	Vendor DED Site		Assd. Prepd. Appd.	3F 1		Retest SWP Clear	COMPLETE
204	TR-31147	Inspect C RBCCW system heat exchanger for general conditions & clams.	3	BFNP	Vendor DED Site		Assd. Prepd. Appd.	3F 1		Retest SWP Clear	COMPLETE
205	TR-28321	Inspect Fuel pool cooling system heat exchangers for general condition.	4	Chatt. Jenkins Schean	Vendor orn Site		Assd. Prepd. Appd.	3F 2		Retest SWP Clear	Not required.



Priority Codes:

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Reactor Bldg.

Page 32

Item No.	Supporting Document (TR, ECN, NCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Status	Procedure	Activity	Duration	Dates:		Special Requirements	Remarks
					Organization	Date/Document					Start	Est. Comp.		
									Number of Men/Craft	Number of Shifts				
206	TR-28322	Inspect closed cooling water exchangers for clams & general condition.	4	BFNP	Vendor			Assd.	3F	2			Retest	COMPLETE
					DED			Prepd					SWP	
					Site			Appd.					Clear	
207	TR-28323	UT bolting of suppression Chamber Seismic lugs JEG to Mosely, letter dated 4/17/74.	3	DPP CAMcLaughlin	Vendor			Assd.		1/2	12/1		Retest	COMPLETE
					DED			Prepd					SWP	
					Site			Appd.					Clear	
208	TR-28324	Replace: Reactor Protection system Scram Solenoid relays 5AK14A&C, 5AK15A&C (Panel 9-15) 5AK14B&D, 5AK15B&D (Panel 9-17)	3	BFNP/T. Cox	Vendor			Assd.					Retest	See memo from R. G. Moseley W. A. Roberts dated 9/7/73, item 6 on plant worklist. Exception item?
					DED			Prepd					SWP	
					Site			Appd.					Clear	
209	TR-28325	Inspect RCIC pipe support hangers.	3	BFNP/Rozear	Vendor			Assd.	1 Engr 1 F	1/2	9/10		Retest	COMPLETE
					DED			Prepd					SWP	
					Site			Appd.					Clear	
210	TR-28326	Inspect HPCI pipe support hangers.	3	BFNP/Rozear	Vendor			Assd.	1 ENGR 1 F	1/2	9/10		Retest	COMPLETE
					DED			Prepd					SWP	
					Site			Appd.					Clear	
211	TR-28327	Replace RHRSW water box to shell gasket on 1B RHR heat exchanger.	3	DPP RSchean FJenkins	Vendor			Assd.	5F 6BM	8 & 8			Retest	COMPLETE 1 shift to cut pipes, 8 shifts to replace gasket, 7 shifts to weld back.
					DED			Prepd					SWP	
					Site			Appd.					Clear	

Priority Codes:

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Reactor bldg.

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals Organization Date/Document	Parts/Mat'l Status	Procedure Date	Activity Number of Man/Craft	Duration Number of Shifts	Dates: Start Est. Comp.	Special Requirements	Remarks
212	EMI-20	Complete inspection & cleaning of unit 1 electrical equip	3	BFNP/Wright	Vendor DED Site		Assd. Prepd. Appd.	10 elect.	40		Retest SWP Clear	
213	IMI-3006	Complete inspection & cleaning of Unit 1 instrumentation.	3	BFNP/Results	Vendor DED Site		Assd. Prepd. Appd.				Retest SWP Clear	
214	TR-18827 TR-25207	1-FCV-23-46 (1B RHR heat exchanger effluent VLV) Won't go fully closed.	3	BFNP	Vendor DED Site		Assd. Prepd. Appd.	1M 2F	2 2		Retest SWP Clear	Set limit & torque switches & functional test.
215	MMI-46	Complete cleaning of mechanical components.	3	Chatt.	Vendor DED Site		Assd. Prepd. Appd.	190L	12		Retest SWP Clear	See 229.
216	TR-34388	Install sheet metal & plexiglass door on 1a & 1b MG set.	3	BFNP	Vendor DED Site		Assd. Prepd. Appd.	2SM	2		Retest SWP Clear	COMPLETE
217	TR-28328	1-74-681B check valve has bonnet leak in drywell unit 1 drywell access room.	3	BFNP	Vendor DED Site		Assd. Prepd. Appd.	2F	1/2		Retest SWP Clear	



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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Reactor Bldg.
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure Date	Activity Duration Number of Man/Craft	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/ Document						
218	TR-26751	1B RHR heat exchanger upper head has flange leak on west side.	2	Chatt.	Vendor			Assd.			Retest	Work with item 211. COMPLETE.
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
219	TR-33989	Change out TIP tubing from penetration to indexers & from chamber shields to shear valves.	3	BFNP	Vendor			Assd.			Retest	No tubing 9/8.
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
220	TR-30387	"E" valve on 1A RWCU demin. will not go to the closed position.	3	BFNP	Vendor			Assd.			Retest	COMPLETE
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
221	TR-30258	Packing blown on valve 1-169 steam line drain valve.	3	BFNP	Vendor			Assd.			Retest	
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
222	TR - 28329 BF74E3 SIL 16 MCR	Install TIP system chamber shield proximity switch.	3	BFNP J. Pittman	Vendor			Assd.			Retest	See SIL 49 & NERP item 107. See item 92-18.
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
224		Complete lubrication schedule on items in Reactor Building.	3	BFNP	Vendor			Assd.	2M	40	Retest	Working 9/8.
					DED			Prepd.			SWP	
					Site			Appd.			Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BNFP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Reactor bldg.

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:		Special Requirements	Remarks
					Organization	Date/Document		Date	Number of Men/Craft		Start Number of Shifts	Est. Comp.		
225	TR-28330	Dye penetrant inspect selected welds on stainless steel piping in accordance with program called for by MMI-46.	3	Chatt.	Vendor			Assd.	Chatt.		9/24		Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
226	TR-34975 TR-40116	74-46 RHR crosstie valve leaks excessively from loop II to loop I and leaks slightly the other way.	3	Chatt.	Vendor			Assd.					Retest	Will make both loops of RHR 575 INOP
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
227	TR-24155	RHR "D" pump mechanical seal is leaking.	3	BNFP	Vendor			Assd.			5/8	9/29	Retest	Replaced but still leaking, must wait until D RHR motor is returned to correct.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
229	MMI-46	Determine spread boundary in units 1 & 2.	3	DPP	Vendor			Assd.	MMI 46				Retest	COMPLETE
					DED			Prepd.	MMI 46				SWP	
					Site			Appd.					Clear	
230	MMI-46	Broad brush clean refueling floor units 1 & 2.	3	DPP/Ziegler	Vendor			Assd.			4/2		Retest	COMPLETE
					DED			Prepd.			5/8		SWP	
					Site			Appd.					Clear	
231	MMI-46	Final clean refuel floor units 1 & 2.	3	DPP/Ziegler	Vendor			Assd.			4/28		Retest	COMPLETE
					DED			Prepd.			5/11		SWP	
					Site			Appd.					Clear	



Priority Codes:

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2. Expected critical path (CP).
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4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFMP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Reactor bldg.

Page 36

Item No.	Supporting Document (IR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure	Activity	Duration	Dates:		Special Requirements	Remarks
					Organization	Date/Document					Start Est. Comp.	Number of Man/Craft Shifts		
232	MMI-46	Final survey & inspection refuel floor units 1 & 2.	3	DPP/Ziegler	Senior			Assd.			5/11	Retest	COMPLETE	
					DED			Prepd.			5/14	SWP		
					Site			Appd.				Clear		
233	MMI-46	Broad brush clean unit 1 reactor building.	3	DPP/Ziegler	Senior			Assd.			4/2	Retest	COMPLETE	
					DED			Prepd.			6/1	SWP		
					Site			Appd.				Clear		
234	MMI-46	Final clean unit 1 reactor building.	3	DPP/Ziegler	Senior			Assd.			6/30	Retest	COMPLETE	
					DED			Prepd.			7/25	SWP		
					Site			Appd.				Clear		
235	MMI-46	Final survey of inspection unit 1 reactor building.	3	DPP/Ziegler	Senior			Assd.				Retest	COMPLETE	
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
236	Special Test Procedure	Conduct test to measure pressure drop across the RHR SW throttline valve on the RHR heat exchanger per DED request.	3	BFMP/RCM	Senior			Assd.				Retest	COMPLETE	
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
237	MMI 7.2.4-A	Open SGT duct	3	Chatt. RFavreau	Senior			Assd.	MMI 7.2.4-A			Retest	COMPLETE	
					DED			Prepd.				SWP		
					Site			Appd.				Clear		

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Reactor bldg.

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates: Start. Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
238	MMI 7.2.4-A	Clean SGT duct.	3	RFavreau	Vendor			Assd. MMI 7.2.4-A				Retest	COMPLETE
					DED			Prepd				SWP	
					Site			Appd.				Clear	
239	MMI 7.2.4-A	Close SGT duct.	3	Chatt. RFavreau	Vendor			Assd. MMI 7.2.4-A				Retest	COMPLETE
					DED			Prepd				SWP	
					Site			Appd.				Clear	
240	MMI 7.2.4-A	Swipe test SGT duct.	3	Chatt. RFavreau	Vendor			Assd. MMI 7.2.4-A				Retest	COMPLETE
					DED			Prepd				SWP	
					Site			Appd.				Clear	
241	MMI 4.0-A	Metalurgical inspection of selected pipe of piping components which were exposed to fire residue.	3	Chatt. Wimberly	Vendor			Assd. EFH 7/28			9/29	Retest	
					DED			Prepd				SWP	
					Site			Appd.				Clear	
242	TR-29565	Replace handwell shaft in SMB-2 operator on 1-FCV73-3 (reconnect VAW Elec).		BFNP	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd				SWP	
					Site			Appd.				Clear	
243	MMI	Replace diaphragms in scram pilot valve per DPM BF 75M12 (SIL-128).	3	BFNP	Vendor			Assd.				Retest	T. Haney preparing prolepure & procuring mat'l.
					DED			Prepd				SWP	
					Site			Appd.				Clear	



Priority Codes:

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2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Reactor Building
Page 38

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Natl Status	Procedure		Activity Duration	Dates:		Special Requirements	Remarks
					Organization	Date/Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	End		
244		Inspect also solenoid valve valve for proper lower disc clearance.		BFNP	Vendor			Assd.					Retest	IRC to HIG LTR. 6/24/75.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
245		Support CS full flow tear line test completion to prevent failure.	3	BFNP WARoberts	Vendor			Assd.					Retest	Use MMI 15.4.3-A
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
246		Repair leak on 1B RHR heat exchanger boiler head gasket.	3	Chatt. Schean	Vendor			Assd.		4/10R			Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
247		Repair leak on 1A RHR tube sheet 3 to shell gasket.	3	Chatt. Schean	Vendor			Assd.		9/10R			Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
248	TR41318	Check movement of RCIC pedestal slicing foot per MMI 22.	3	BFNP/Tullis	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
249	TR41555	Repair main steam line high temp detectors.	3	BFNP/WAR	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

TENNESSEE VALLEY AUTHORITY

ESSP UNIT 1

OUTAGE PLANNING LIST

REV General DATE 1/20/76

WORK AREA Reactor Bldg.

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Priority Codes:

- | | |
|---------------------------------|---|
| 1. Emergency outage. | 4. Nice but not must item. |
| 2. Expected critical path (CP). | 5. Contingency item, plan for but don't expect to do. |
| 3. Must item but not CP. | |

- | |
|----------------------|
| 6. Do before outage. |
| 7. Do after outage. |

Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organization	Date/Document			Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	
250	TR40677	Remove insulation on RHR heat exchanger flanges.		Chatt. Brimer	Vendor			Assd.				Retest	
					DED			Prepd				SWP	
					Site			Appd.				Clear	
251		Replace damaged seal on equipment lock door.		BFNP/Haney	Vendor			Assd.				Retest	
					DED			Prepd				SWP	
					Site			Appd.				Clear	
252		Repair primary containment system valve #34-17.		Chatt. Parks	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd				SWP	
					Site			Appd.				Clear	
253		Repair primary containment system valve #64-18.		Chatt. Parks	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd				SWP	
					Site			Appd.				Clear	
254		Repair primary containment system valve #64-19.		Chatt./Parks	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd				SWP	
					Site			Appd.				Clear	
254		Repair primary containment system valve #64-32.		Chatt. Parks	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd				SWP	
					Site			Appd.				Clear	



Priority Codes:

1. Emergency outage.
 2. Expected critical path (CP).
 3. Must item but not CP.
 4. Nice but not must item.
 5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY
DESP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
 7. Do after outage.

REV General DATE 1/20/76

WORK AREA Reactor Bldg.
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Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity	Duration	Dates:		Special Requirements	Remarks
					Organization	Date/Document		Date	Number of Men/Craft			Start Est. Comp.	Number of Shifts		
255		Repair primary containment system valve #64-33.		Chatt/Parks	Vendor			Assd.						Retest	COMPLETE
					DED			Prepd.						SNP	
					Site			Appd.						Clear	
256		Repair suppression pool suction valve #73-26.		Chatt/Parks	Vendor			Assd.						Retest	COMPLETE
					DED			Prepd.						SNP	
					Site			Appd.						Clear	
257		Repair suppression pool suction valve #73-27.		Chatt/Parks	Vendor			Assd.						Retest	COMPLETE
					DED			Prepd.						SNP	
					Site			Appd.						Clear	
258		Repair RHR "A" pump isolation suction valve #74-1.		Chatt/Parks	Vendor			Assd.						Retest	COMPLETE
					DED			Prepd.						SNP	
					Site			Appd.						Clear	
259		Repair RHR "D" pump isolation suction valve #74-35.		Chatt/Parks	Vendor			Assd.						Retest	COMPLETE
					DED			Prepd.						SNP	
					Site			Appd.						Clear	
260		Repair RHR heat exchanger cross tie valve #74-46.		Chatt/Parks	Vendor			Assd.						Retest	
					DED			Prepd.						SNP	
					Site			Appd.						Clear	

Priority Codes:

1. Emergency outage.
 2. Expected critical path (CP).
 3. Must item but not CP.
 4. Nice but not must item.
 5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BEFP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
 7. Do after outage.

REV General DATE 1/20/76

WORK AREA _____

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No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals			Procedure	Activity	Duration	Dates:		Special Requirements	Remarks
					Organization	Date/Document	Parts/Status				Start Est. Comp.	Number of Shifts		
261		Repair residual heat removal system valve #74-529A.		Chatt/Parks	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SNP	
					Site			Appd.					Clear	
262		Repair residual heat removal system valve #74-536A.		Chatt/Parks	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SNP	
					Site			Appd.					Clear	
263		Repair core spray "A" pump suction isolation valve #75-2.		Chatt/Parks	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SNP	
					Site			Appd.					Clear	
264		Repair core spray "D" pump suction, isolation valve #75-39.		Chatt/Parks	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SNP	
					Site			Appd.					Clear	
265		Repair purge supply valve #76-24.		Chatt/Parks	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SNP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SNP	
					Site			Appd.					Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DEEP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Turbine/Generator/Feed
Page 42 Pump and Turbine

Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Status	Procedure Date	Activity Duration	Dates: Start. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document						
300	Turbine Report	Open, inspect, repair as necessary and close 1 IP sections.	4	DPP/Loney	Vendor			Assd.		30	Retest	
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
302	TR-28107	Open, Inspect, repair as necessary one feed pump turbine.	4	DPP/Loney	Vendor			Assd.	15	Retest		
					DED			Prepd.		SWP		
					Site			Appd.		Clear		
303	TR-28108	Open, inspect, repair as necessary 4 turbine control valve.	3	DPP/Loney	Vendor			Assd.		Retest	COMPLETE	
					DED			Prepd.		SWP		
					Site			Appd.		Clear		
304	TR-28109	Open, inspect, repair as necessary 4 turbine stop valve.	3	DPP/Loney	Vendor			Assd.	2/8	Retest	COMPLETE	
					DED			Prepd.		SWP		
					Site			Appd.		Clear		
305	TR-28110	Open, inspect, repair as necessary 4 intercept valve.	3	DPP/Loney	Vendor			Assd.		Retest	COMPLETE	
					DED			Prepd.		SWP		
					Site			Appd.		Clear		
306	TR-28111	Open, inspect, repair as necessary turbine bypass valves.	3	DPP/Loney	Vendor			Assd.		Retest	Back together except packing 9/25. COMPLETE	
					DED			Prepd.		SWP		
					Site			Appd.		Clear		

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Turbine/Generator
Page 43

Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:		Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Man/Craft	Number of Shifts	Start Est. Comp.		
307	TR-28112	Open, inspect, repair as necessary the HP section of the main turbine.	4	DPP/Loney	Vendor			Assd.			20		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
308	TR-28113	Inspect and repair as necessary extraction & non-return valves.	3	Chatt.	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
309	TR-28114	Open, inspect, repair as necessary moisture separators	3	Chatt./Schean	Vendor			Assd.				9/15	Retest	COMPLETE.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
310	TR-28115	Open & inspect moisture separator cross over piping.	3	Chatt./Schean	Vendor			Assd.				9/15	Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
311	TR-28116 TIL 689-3 BF73MLO	Ultrasonically examine the bucket pins in the L-1 Stage of the LP 'C' Turbine.	4	DPP/Loney	Vendor			Assd.					Retest	All pins to be checked out 25% bad. COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
312	TR-28117	Turbine lube oil sump inspection/cleaning.	3	BFNP/OPS	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

WNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Turbine/Generator
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Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals Organization Date/Document	Parts/Mat'l Status	Procedure Date	Activity Number of Man/Craft	Duration Number of Shifts	Dates: Start Est. Comp.	Special Requirements	Remarks
313	TR-29566 BF73M11 TIL 690-3	Clean EHC coolers with nylon brush & hydro.	3	DPP/BFNP	Vendor DED Site		Assd. Prepd. Appd.				Retest SWP Clear	Boilermaker work? COMPLETE
314	MCR 584 TR-28119 1-1-25	Rebabbitt bearings on #3, 5 & 8 bearings.	3	DPP/PSS/ Contractor Mathis	Vendor DED Site		Assd. Prepd. Appd.				Retest SWP Clear	COMPLETE
315	TR-28120	Inspect all bearings	3	DPP Mathis	Vendor DED Site		Assd. Prepd. Appd.				Retest SWP Clear	COMPLETE
316	MCR MDTD TIL 74-2 TR-28121	Change out lock nuts with new type on oil pump gears on reactor feed pump.	3	Chatt. Duke	Vendor DED Site		Assd. Prepd. Appd.				Retest SWP Clear	90% 9/25. COMPLETE
317	MCR 584 DPM BF74M15 TR-28122 1-1-25 WP 3007	Grind the journals on the No. 3, 5, & 8 bearings to establish original surface finish.	3	DPP/PSS/DPP/ Contractor Mathis	Vendor DED Site		Assd. Prepd. Appd.				Retest SWP Clear	COMPLETE
318	MCR 549 TR-28123 DPM BF74M15	Install thermocouples in each main journal bearing.	3	DPP/Mathis	Vendor DED Site		Assd. Prepd. Appd.				Retest SWP Clear	Exception item 1-47-5.

Priority Dates:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DEEP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Turbine/Generator
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Item No.	Supporting Document (TR, EGN, MGR)	Description	Priority	Division/Person Responsible	Approvals			Procedure	Activity	Duration	Dates		Special Requirements	Remarks
					Organization	Date/Document	Participating Status				Start Date	Number of Shifts		
319	TR-28124 N74M15	Inspect turbine building overhead crane IAW DFM N74M15.	6	DPP BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
320	Generator Report	Remove generator exciter	3	DPP Hargett	Vendor			Assd.		5E 3M	2		Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
321	Generator Report	Remove top half generator end bells both ends	3	DPP/PSS Hargett	Vendor			Assd.		5E 3M	4		Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
322	Generator Report	Break turbine generator coupling	3	DPP/PSS Hargett	Vendor			Assd.		3M	3		Retest	COMPLETE Complete 4/24/75.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
323	Generator Report	Lower bottom half of end bell and roll bearings.	3	Hargett	Vendor			Assd.		5E			Retest	COMPLETE
					DED			Prepd.		3M	2		SWP	
					Site			Appd.					Clear	
324	Generator Report	Pull generator rotor.	3	Hargett	Vendor			Assd.		5E		1 1/2	Retest	Investigate cause of bronze chips in turbine generator coupling housing. COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

TECHNICAL VALLEY AUTHORITY

REV: General DATE: 1/20/76

UNIT 1

OUTAGE PLANNING LIST

WORK AREA: Turbine/Generator

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1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

6. Do before outage.
7. Do after outage.

Item No.	Supporting Document TR, ECR, NCR	Description	Priority	Division/Person Responsible	Approvals: Organization Date/Document	Parts/Mat. Status	Procedure/Activity/Duration	Dates: Start/Est. Comp.	Special Requirements	Remarks
325	Generator Report	Conduct electrical test on rotor.	33	PSO Hargett Bynum	Vendor DED Site		Assd. Prepd Appd.		Retest SWP Clear	COMPLETE
326	Generator Report	Visually inspect rotor & stator "C" coupling blank bolt.	33	Hargett	Vendor DED Site		Assd. Prepd Appd.	1E 3	Retest SWP Clear	COMPLETE SWP stop if not will
327	Generator Report	Conduct electrical test stator	33	PSO Hargett Bynum	Vendor DED Site		Assd. Prepd Appd.	5E 1-1/2	Retest SWP Clear	COMPLETE
328	Generator Report	Clean generator parts	33	Hargett	Vendor DED Site		Assd. Prepd Appd.	5E 3	Retest SWP Clear	COMPLETE
329 335	Generator Report	Insert the rotor Pressure test the generator	3 3	Hargett Hargett	Vendor DED Site		Assd. Prepd Appd.	5E 2	Retest SWP Clear	COMPLETE
330	Generator Report	Position bottom halves of end bells	3	Hargett	Vendor DED Site		Assd. Prepd Appd.	5E 3M 4	Retest SWP Clear	COMPLETE Install new type H ₂ seal check on availability of parts.

Priority Codes:

1. Emergency outage. 4. Nice but not must item.
2. Expected critical path (CP). 5. Contingency item, plan for but don't expect to do.
3. Must item but not CP.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Turbine/Generator
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals			Procedure	Activity	Duration	Dates:		Special Requirements	Remarks
					Organization	Date/Document	Parts/Nat'l Status				Start Est. Comp.	Number of Men/Craft		
331	Generator Report	Make up coupling	3	Hargett	Vendor			Assd.		3M	3		Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
332		Make new coupling bolt from "C" coupling blank bolt.	3	Hargett	Vendor			Assd.					Retest	COMPLETE Will make in BFNP shop if manpower avail, if not will make at PSSS.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
333	Generator Report	Install top half of end bells	3	Hargett	Vendor			Assd.		5E 3M	5		Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
334	Generator Report	Install generator exciter	3	Hargett	Vendor			Assd.		5E	2		Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
335	Generator Report	Pressure test the generator	3	Hargett	Vendor			Assd.		5E	2	12/5	Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA _____

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No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft		Number of Shifts	Start Est. of Comp.		
336	Generator Report	Investigate cause of bronze in turbine generator coupling housing.	3		Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
337	TR-34957	Modify main turbine EHC power	3	DPP/BFNP	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
338		Send turning gear to GE refurbishing.	3		Vendor			Assd.		DA to take out & 1.DA to put back in.	6w		Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
339	MCR-631 WP 3317 1-35-2	Modify generator collector end shield. Machine vertical face for hydrogen seal to larger data.	3		Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
340	MCR707 WP 3749 1-47-8	Improve cooling capability of turbine generator coupling GE ECN T33-Q457.	3		Vendor			Assd.					Retest	Need more part 1/25.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
341	MCR689 WP 3831 1-47-9	Improve mechanical trip valve switch on main turbine over speed trip GE ECN T352-118.	3		Vendor			Assd.					Retest	Parts arrived 9/25.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BNPP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Turbine bldg

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure Date	Activity Number of Men/Craft	Duration Number of Shifts	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document							
400	TR-28125	Condenser steam side inspection.	3	Chatt. Schean	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
401	TR-28126	Condenser water box side inspection. Including probolog.	3	Chatt. Herring	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
402	TR-28127	Condenser steam side modifications. IR Patterson to Foster Wheeler letter dated 7/17/74.	3	Chatt. Favreau	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
403	TR-28128	Feedwater Heater Inspection including probolog inspection.	3	Chatt. Herring	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
404	TR-28129	Feedwater flow nozzle inspection & cleaning.	4	Chatt. Favreau	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
405	TR-28130	Adjust/replace feed pump packing.	3	BNPP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Emergency outage. 4. Nice but not must item.
 2. Expected critical path (CP). 5. Contingency item, plan for but don't expect to do.
 3. Must item but not CP.

TENNESSEE VALLEY AUTHORITY

BEFP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
 7. Do after outage.

REV General DATE 1/20/76

WORK AREA Turbine bldg

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Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Procedure	Activity	Duration	Dates:		Special Requirements	Remarks
					Organization	Date/Document				Start	End		
406	TR-28131	Replace selected condensate demineralizer elements	5	BEFP	Vendor		Assd.					Retest	COMPLETED prior to outage elements
					DED		Prepd.					SWP	
					Site		Appd.					Clear	
408	TR-28133	Open, inspect, repair as necessary steam jet air ejector condensers	3	Chatt Schean Jenkins	Vendor		Assd.					Retest	Work in conjunction with the installation of 3rd stage air ejector item 705 & 712.
					DED		Prepd.					SWP	
					Site		Appd.					Clear	
409	TR-28134	Conduct condenser leakage test on main condenser as soon as repairs are completed.	3	BEFP Studdard	Vendor		Assd.					Retest	
					DED		Prepd.					SWP	
					Site		Appd.					Clear	
410	TR-28136	Complete lubrication schedule in turbine building.	3	BEFP	Vendor		Assd.		5/8	9/10		Retest	Working 9/8.
					DED		Prepd.					SWP	
					Site		Appd.					Clear	
412	TR-30156	Level sight glass leaking on 1B1 heater.	3	BEFP	Vendor		Assd.					Retest	
					DED		Prepd.					SWP	
					Site		Appd.					Clear	
413	TR-30195	1-6-622 valve This C-3 heater channel drain line, water is leaking past seat.	3	BEFP	Vendor		Assd.					Retest	COMPLETE Need better valves.
					DED		Prepd.					SWP	
					Site		Appd.					Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Turbine Building

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals Organization Date/Document	Parts/Mat'l Status	Procedure Date	Activity Number of Man/Craft	Duration Number of Shifts	Dates: Start Est. Comp.	Special Requirements	Remarks
414	TR-3-381	1A2 moisture separator drain pump discharge check valve is sticking closed.	3	BFNP	Vendor DED Site		Assd. Prepd. Appd.				Retest SNP Clear	COMPLETE
415	TR-30154	Short cycle regulating valve 1-2-29 leaks thru badly.	3	BFNP	Vendor DED Site		Assd. Prepd. Appd.				Retest SNP Clear	COMPLETE Need better design? MCR?
416	TR-28139	1-PCV 2-216 Backwash inlet valve is binding.	3	BFNP	Vendor DED Site		Assd. Prepd. Appd.				Retest SNP Clear	Suspect both VLV & actuator age binding. COMPLETE
417	TR-33716	Replace ductile iron butterfly valves in A, E, F, & W valves on condensate demineralizer with stainless steel.	3	BFNP	Vendor DED Site	on hand	Assd. Prepd. Appd.				Retest SNP Clear	REQN 206511 COMPLETE
418	TR-30176	1 B2 moisture separator drain pump is blowing steam and water on top of pump casing.	3	DEP BFNP	Vendor DED Site		Assd. Prepd. Appd.				Retest SNP Clear	COMPLETE
419	TR-30177	RC or header line going to moisture separator drain pump seal cooling is leaking bad.	3	DEP/BFNP	Vendor DED Site		Assd. Prepd. Appd.				Retest SNP Clear	COMPLETE



Priority Codes:

1. Emergency outage.
 2. Expected critical path (CP).
 3. Must item but not CP.
 4. Nice but not must item.
 5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
 7. Do after outage.

REV General DATE 1/20/76

WORK AREA _____

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Item	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	End		
420	TR-30795	Loop "A" hydrogen admission valve 35-4A will not close completely. Valve is leaking badly.		DPP/BFNP	Vendor:			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
421	TR 28264	Dewater and inspect intake tunnel Dewater 2 24 hour days Inspect 1 8 hour day	3	DPP/BFNP	Vendor:			Assd.				9/10		Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
422		Conduct chlorination program ON Raw cooling water system.	3	BFNP Thomison	Vendor:			Assd.						Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
423	TR-	B LP heater isolation valves leak 1-FCV-2-84 & 2-125.	3	Chatt/Parks	Vendor:			Assd.						Retest	COMPLETE except leak test 10/24.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
424	TR-	Open, inspect & repair as necessary 1-FCV-3-20.	3	CHATT/Parks	Vendor:			Assd.						Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
425	TR	Open inspected repair as necessary the B string of channel relief 1-6-593 (1B1) 1-6-596(1B3)	3	Chatt/Parks	Vendor:			Assd.						Retest	See if channel relief are still holding
					DED			Prepd.						SWP	
					Site			Appd.						Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA _____

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Item	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Natl Status	Procedure		Activity Duration	Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
426		Repair leak in off gas stack roof.	1	BFNP/WAR	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
427		Repair "B" FW heater isolation isolation valve #2-84.		Chatt/Parks	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
428		Repair "B" FW heater isolation valve #2-125.		Chatt/Parks	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
429		Repair reactor feedwater pump minimum flow "C" valve #3-6.		Chatt/Parks	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
430		Repair reactor feedwater pump minimum flow "B" valve #3-13.		Chatt/Parks	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
431		Repair reactor feedwater pump minimum flow "A" valve #3-20.		Chatt/Parks	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



Priority Codes:

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 2. Expected critical path (CP).
 3. Must item but not CP.
 4. Nice but not must item.
 5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
 7. Do after outage.

REV General DATE 1/20/76

WORK AREA _____

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals			Procedure	Activity	Duration	Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document	Parts/Nat'l Status				Start Est.	Number of Comp. Shifts		
432		Install new heater relief valve #6-593.		Chatt/Brimer	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
433		Install new heater relief valve #6-597.		Chatt. Brimer	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
434		Repair Drain valve #6-622		Chatt Brimer	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organization	Date/ Document		Date	Man/Craft	Number of Shifts	Start Est. Comp.		
501	TR-28331	Condensate pump (hotwell) motor 1A, 900 hp, 4KV. 2	4	DPP/BFNP	Vendor			Assd.	DPM			Retest	Bridge test and d.c. step voltage test. Visual inspection only. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
502	TR-28332	Condensate pump (hotwell) motor 1B, 900 hp, 4 KV. 2	4	BFNP	Vendor			Assd.	DPM			Retest	Bridge test & d.c. step voltage test. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
503	TR-28333	Condensate pump (hotwell) motor 1C, 900 hp, 4 KV. 2	4	BFNP	Vendor			Assd.	DPM			Retest	Bridge test & d.c. step voltage test. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
504	TR-28334	Condensate booster pump motor 1A, 1750 hp, 4 KV. 2	4		Vendor			Assd.	DPM			Retest	Bridge test & d.c. step voltage test. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
505	TR-28335	Condensate booster pump motor 1B, 1750 hp, 4 KV. 2	4	DPP	Vendor			Assd.	DPM			Retest	Bridge test & d.c. step voltage test. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
506	TR-28336	Condensate booster pump motor 1C, 1750 hp, 4 KV. 2	4	DPP	Vendor			Assd.	DPM			Retest	Bridge test & d.c. step voltage test. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.

4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DEFP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity	Duration	Dates:	Special Requirements	Remarks
					Organization	Date/Document		Date				Start Number Est. of Comp. Shifts		
507	TR-28337	RHR service water pump motor A1, 400 hp, 4 KV. 23	4	DPP	Vendor			Assd.	DPM				Retest	Bridge test & d.c. step voltage test. COMPLETE OCT. 31, 1975
					DED			Prepd.					SNP	
					Site			Appd.					Clear	
508	TR-28338	RHR service water pump motor A2, 400 hp, 4 KV. 23	4	DPP	Vendor			Assd.	DPM				Retest	Bridge test & d.c. step voltage test. COMPLETE Oct. 31, 1975.
					DED			Prepd.					SNP	
					Site			Appd.					Clear	
509	TR-28339	RHR service water pump motor B1, 400 hp, 4 KV. 23	4	DPP	Vendor			Assd.	DPM				Retest	Bridge test & d.c. step voltage test. COMPLETE Oct. 31, 1975
					DED			Prepd.					SNP	
					Site			Appd.					Clear	
510	TR-28340	RHR service water pump motor B2, 400 hp, 4KV 23	4	DPP	Vendor			Assd.	DPM				Retest	Bridge test & d.c. step voltage test. COMPLETE OCT 31, 1975
					DED			Prepd.					SNP	
					Site			Appd.					Clear	
511	TR-28338	RHR service water pump motor C1, 400 hp, 4 KV. 23	4	DPP	Vendor			Assd.	DPM				Retest	Bridge test & d.c. step voltage test. COMPLETE Oct 31, 1975
					DED			Prepd.					SNP	
					Site			Appd.					Clear	
512	TR-28342	RHR service water pump motor C2, 400 hp, 4 KV 23	4	DPP	Vendor			Assd.	DPM				Retest	Bridge test & d.c. step voltage test. COMPLETE. OCT. 31, 1975
					DED			Prepd.					SNP	
					Site			Appd.					Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

REPP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals Organiza- tion Date/ Document	Parts/Mat'l Status	Procedure Date	Activity Number of Man/Craft	Duration Number of Shifts	Dates: Start Est. Comp.	Special Requirements	Remarks
513	TR-28343	RHR service water pump motor DL, 400 hp, 4 KV. 23	4	DPP	Vendor DED Site		Assd. DPM Prepd. Appd.				Retest SWP Clear	Bridge test & d.c. step voltage test. COMPLETE. SEP. 25, 1975
514	TR-28344	RHR service water pump motor ID, 400 hp, 4 KV. 23	4	DPP	Vendor DED Site		Assd. DPM Prepd. Appd.				Retest SWP Clear	Bridge test & d.c. step voltage test. COMPLETE SEP 25, 1975
515	TR-28368	Raw cooling water pump motor 1A, 300 hp, 4 KV. 24	4	DPP	Vendor DED Site		Assd. DPM Prepd. Appd.				Retest SWP Clear	Bridge test & d.c. step voltage test. COMPLETE. SEP 25, 1975
516	TR-28369	Raw cooling water pump motor 1B, 300 hp, 4KV. 24	4	DPP	Vendor DED Site		Assd. DPM Prepd. Appd.				Retest SWP Clear	Bridge test & d.c. step voltage test. COMPLETE SEP 25, 1975
517	TR-28370	Raw cooling water pump motor 1C, 300 hp, 4KV. 24	4	DPP	Vendor DED Site		Assd. DPM Prepd. Appd.				Retest SWP Clear	Bridge test & d.c. step voltage test. COMPLETE SEP 25, 1975
518	TR-28372	Raw cooling water pump motor 1D, 300 hp, 4 KV. 24	4	DPP	Vendor DED Site		Assd. DPM Prepd. Appd.				Retest SWP Clear	Bridge test & d.c. step voltage test. COMPLETE OCT 31, 1975

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DEPT UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	
519	TR-28371	Condenser circulating water pump motor 1A, 2250 hp, 4 KV. 27	4	DPP	Vendor			Assd.	DEM			Retest	Bridge test & d.c. step voltage test. COMPLETE. SEP 25, 1975
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
520	TR-28373	Condenser circulating water pump motor 1B, 2250 hp, 4 KV. 27	4	DPP	Vendor			Assd.	DEM			Retest	Bridge test & d.c. step voltage test. COMPLETE SEP 25, 1975
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
521	TR-28374	Condenser circulating water pump motor 1C, 2250 hp, 4KV. 27	4	DPP	Vendor			Assd.	DEM			Retest	Bridge test & d.c. step voltage test. COMPLETE SEP 25, 1975
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
522	TR-28375	Reactor water recirculation pump motor 1A, 8000 hp, 4 KV. 68	4	DPP	Vendor			Assd.	DEM			Retest	Bridge test & d.c. step voltage test. COMPLETE OCT 31, 1975
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
523	TR-28376	Reactor water recirculation pump motor 1B, 8000 hp, 4KV. 68	4	DPP	Vendor			Assd.	DEM			Retest	Bridge test & d.c. step voltage test. COMPLETE OCT 31, 1975
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
524	EMI-20 TR-41581	Recirculation pump MG set AC motor 1A, 9000hp, 4 KV. 68	3	DPP	Vendor			Assd.				Retest	Bridge test & d.c. step voltage test. COMPLETE OCT 31, 1975
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DEPT UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure	Activity Duration		Dates:		Special Requirements	Remarks
					Organization	Date/ Document			Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
525	EMI-20 TR-41582	Recirculation pump MG set AC motor 1B, 9000 hp, 4 KV. 68	3	DPP	Vendor			Assd. DPM					Retest	Bridge test & d.c. step voltage test. COMPLETE OCT 31, 1975
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
526	EMI-20 TR-41583	Recirculation pump MG set AC generator 1A, 3920 volts, Variable frequency 11 to 57 cycles. 68	3	DPP	Vendor			Assd.					Retest	Bridge test & d.c. step voltage test. COMPLETE OCT 31, 1975
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
527	EMI-20 TR-41584	Recirculation pump MG set AC generator 1B, 3920 volts, Variable frequency 11 to 57 cycles. 68	3	DPP	Vendor			Assd.					Retest	Bridge test & d.c. step voltage test. COMPLETE OCT 31, 1975 Check coolers & clean if necessary
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
528	EMI-20 TR-41585	RHR pump motor 1A, 2000 hp, 4KV. 74	3	DPP	Vendor			Assd. DPM					Retest	Bridge test & d.c. step voltage test. COMPLETE OCT 31, 1975
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
529	EMI-20 TR-41586	RHR pump motor 1B, 2000 hp, 4KV. 74	3	DPP	Vendor			Assd. DPM					Retest	Bridge test & d.c. step voltage test. COMPLETE OCT 31, 1975
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
530	EMI-20 TR-41587	RHR pump motor 1C, 2000 hp, 4 KV. 74	3	DPP	Vendor			Assd.					Retest	Bridge test & d.c. step voltage test. COMPLETE OCT 31, 1975
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item bit not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DESP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/ Person Responsible	Approvals			Procedure	Activity	Duration		Dates:		Special Requirements	Remarks
					Organization	Date/ Document	Part's/Inst's Status			Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
531	EMI-20 TR-41588	RHR pump motor 1D, 2000 hp, 4 KV. 74	3	DPP	Vendor			Assd. DPM						Retest	Bridge test & d.c. step voltage test.
					DED			Prepd						SWP	4160 shutdown board D
					Site			Appd.						Clear	
532	EMI-20	Core spray pump motor 1A, 600 hp, 4 KV. 75	3	DPP	Vendor			Assd. DPM						Retest	Bridge test & d.c. step voltage test.
					DED			Prepd						SWP	4160 shutdown board A
					Site			Appd.						Clear	
533	EMI-20	Core spray pump motor 1B, 600 hp, 4 KV. 75	3	DPP	Vendor			Assd. DPM						Retest	Bridge test & d.c. step voltage test.
					DED			Prepd						SWP	4160 shutdown board C
					Site			Appd.						Clear	
534	EMI-20	Core spray pump motor 1C, 600 hp, 4 KV. 75	3	DPP	Vendor			Assd. DPM						Retest	Bridge test & d.c. step voltage test.
					DED			Prepd						SWP	4160 shutdown board B
					Site			Appd.						Clear	
535	EMI-20	Core spray pump 1D, 600 hp, 4 KV. 75	3	DPP	Vendor			Assd. DPM						Retest	Bridge test & d.c. step voltage test.
					DED			Prepd						SWP	4160 shutdown board D
					Site			Appd.						Clear	
536	TR-36839 EMI-20	CRD hydraulic feed pump motor 1A, 250 hp, 4 KV. bridge test & step voltage test. 85	3	DPP	Vendor			Assd. DPM						Retest	Bridge test & d.c. step voltage test.
					DED			Prepd						SWP	
					Site			Appd.						Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DPP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals Organization Date/Document	Part's/Status	Procedure Date	Activity Duration Number of Men/Craft	Dates: Start List. Number of Shifts Comp.	Special Requirements	Remarks
537	TR-28377	CRD hydraulic feed pump motor 1B, 250 hp, 4 KV. 85	3	DPP	Vendor DED Site		Assd. DPM Prepd. Appd.			Retest SWP Clear	Bridge test & d.c. step voltage test. COMPLETE
		On all 4160 volt motors total.			Vendor DED Site		Assd. Prepd. Appd.	2 electricians 10 hours each	20	Retest SWP Clear	
538	TR-28378	Unit start board 1, 4160 volts	4	DPP	Vendor DED Site		Assd. EMI 7 Prepd. Appd.			Retest SWP Clear	Inspect & clean breakers & cubicles. (6 breakers)
539	TR-28379	Unit board, 4160 volts, 1A.	4	DPP	Vendor DED Site		Assd. EMI 7 Prepd. Appd.			Retest SWP Clear	 (10 breakers)
540	TR-28380	Unit board, 4160 volts, 1B.	4	DPP	Vendor DED Site		Assd. EMI 7 Prepd. Appd.			Retest SWP Clear	 (12 breakers)
541	TR-28381	Unit board, 4160 volts, 1C.	4	DPP	Vendor DED Site		Assd. EMI 7 Prepd. Appd.			Retest SWP Clear	 (10 breakers)

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BEFT UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals Organiza- tion Date/ Document	Parts/Mat'l Status	Procedure Date	Activity Duration Number of Men/Craft	Dates: Start Est. Comp.	Special Requirements	Remarks
542	TR-36838 EMI-20	Recirculation pump bd 1, 4160 volts.	3	DPP	Vendor DED Site		Assd. EMI 7 Prepd. Appd.			Retest SWP Clear	COMPLETE
543	TR-28382	Common board A, 4160 volts.	4	DPP	Vendor DED Site		Assd. EMI 7 Prepd. Appd.			Retest SWP Clear	
544	TR-28383	Common board B, 4160 volts.	4	DPP	Vendor DED Site		Assd. EMI 7 Prepd. Appd.			Retest SWP Clear	
545	TR-28384	Shutdown bd A, 4160 volts, unit 1 equipment.	4	DPP	Vendor DED Site		Assd. EMI 7 Prepd. Appd.			Retest SWP Clear	(26 breakers)
546	TR-28385	Shutdown bd B, 4160 volts, unit 1 equipment.	4	DPP	Vendor DED Site		Assd. EMI 7 Prepd. Appd.			Retest SWP Clear	(22 breakers)
547	TR-28386	Shutdown bd C, 4160 volts, unit 1 equipment.	4	DPP	Vendor nrm Site		Assd. EMI 7 Prepd. Appd.			Retest SWP Clear	(26 breakers)

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BEPP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (TR, ECR, WCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Natl Status	Procedure		Activity	Duration	Dates:		Special Requirements	Remarks
					Organization	Date/Document		Date	Number of Man/Craft			Start Number of Shifts	End Number of Comp.		
548	TR-28387	Shutdown bd D, 4160 volts, unit 1 equipment.	4	DPP	Vendor			Assd.	EMI 7					Retest	(22 breakers)
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
549	TR-28388	Common board 1, 480V.	4	DPP	Vendor			Assd.	EMI 7					Retest	Rack out breakers.
					DED			Prepd.						SWP	(37 breakers)
					Site			Appd.						Clear	
550	TR-28389	Common board 2, 480V.	4	DPP	Vendor			Assd.	EMI 7					Retest	Rack out breakers.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	(38 breakers)
551	TR-28390	Common board 3, 480V.	4	DPP	Vendor			Assd.	EMI 7					Retest	Rack out breakers.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	(38 breakers)
552	TR-28391	Diesel aux. board A, 480V.	4	DPP	Vendor			Assd.	EMI 7					Retest	GE 7700 motor control center.
					DED			Prepd.						SWP	(50 breakers)
					Site			Appd.						Clear	
553	TR-28392	Diesel aux. board B, 480V.	4	DPP	Vendor			Assd.	EMI 7					Retest	GE 7700 motor control center.
					DED			Prepd.						SWP	(50 breakers)
					Site			Appd.						Clear	



Priority Codes:

1. Emergency outage. 4. Nice but not must item.
 2. Expected critical path (CP). 5. Contingency item, plan
 3. Must item bit not CP. for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFSP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
 7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals Organization Date/ Document	Parts/ Mat'l Status	Procedure Date	Activity Duration Number of Man/Craft	Dates: Start Est. Comp. Shifts/Comp.	Special Requirements	Remarks
554	TR-28393	Unit board 1A, 480V	4	DPP	Vendor DED Site		Assd. EMI 7 Prepd Appd.			Retest SWP Clear	Rack out breakers. (13 breakers)
555	TR-28394	unit board 1B, 480V.	4		Vendor DED Site		Assd. EMI 7 Prepd Appd.			Retest SWP Clear	Rack out type. (22 breakers)
556	TR-28395	Shutdown board 1A, 480V.	4		Vendor DED Site		Assd. EMI 7 Prepd Appd.			Retest SWP Clear	Rack out type. (26 breakers)
557	TR-28396	Shutdown board 1B, 480V.	4		Vendor DED Site		Assd. EMI 7 Prepd Appd.			Retest SWP Clear	Rack out type. (23 breakers)
558	TR-28397	Reactor MOV board 1A, 480V.	4		Vendor DED Site		Assd. EMI 7 Prepd Appd.			Retest SWP Clear	GE 7700 motor control center. (57 breakers)
559	TR-28398	Reactor MOV board 1B, 480V.	4		Vendor DED Site		Assd. EMI 7 Prepd Appd.			Retest SWP Clear	GE 7700 motor control center. (65 breakers)

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DESP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure	Activity	Duration	Dates:		Special Requirements	Remarks
					Organization	Date/Document					Start	End		
560	EMI 20	Reactor MOV board 1C, 480V.	3		Vendor			Assd.	EMI 7				Retest	GE 7700 motor control center. COMPLETE (32 breakers)
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
561	TR-28400	Turbine MOV board 1A, 480V.	4		Vendor			Assd.	EMI 7				Retest	GE 7700 motor control center. Inspect, clean, & check terminals & connections for tightness. COMPLETE (65 breakers)
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
562	TR-28401	Turbine MOV board 1B, 480V.	4		Vendor			Assd.	EMI 7				Retest	GE 7700 motor control center. COMPLETE (79 breakers)
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
563	TR-28402	Turbine MOV board 1C, 480V.	4		Vendor			Assd.	EMI 7				Retest	GE 7700 motor control center. COMPLETE (79 breakers)
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
564	TR-28403	Reactor building vent. board 11A; 480V	4		Vendor			Assd.	EMI 7				Retest	GE 7700 motor control center. COMPLETE (31 breakers)
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
565	EMI 20	Reactor building vent. board 1B 480V	3		Vendor			Assd.	EMI 7				Retest	GE 7700 motor control center. COMPLETE (35 breakers)
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item bit not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DESP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals Organization Date/Document	Parts/Nat'l Status	Procedure Date	Activity Duration Number of Men/Craft	Dates: Start Est. Comp. Number of Shifts	Special Requirements	Remarks
566	TR-28404	Turbine building vent. board 1A 480V	4		Vendor DED Site		Assd. EMI 7 Prepd Appd.			Retest SWP Clear	GE 7700 motor control center. COMPLETE (35 breakers)
567	TR-28405	Turbine building vent. board 1B 480V	4		Vendor DED Site		Assd. EMI 7 Prepd Appd.			Retest SWP Clear	GE 7700 motor control center. (29 breakers)
568	TR-28406	Condensate demineralizer board 1, 480V	4		Vendor DED Site		Assd. EMI 7 Prepd Appd.			Retest SWP Clear	GE 7700 motor control center. Inspect, clean, & check terminal connections for tightness. (26 breakers)
569	TR-28407	Auxiliary boiler board, 480V.	4		Vendor DED Site		Assd. EMI 7 Prepd Appd.			Retest SWP Clear	(28 breakers)
570	TR-28408	Water & oil storage board, 480V.	4		Vendor DED Site		Assd. EMI 7 Prepd Appd.			Retest SWP Clear	(36 breakers)
571	TR-28409	Radwaste building feeder board 1, 480V.	4		Vendor DED Site		Assd. EMI 7 Prepd Appd.			Retest SWP Clear	GE 7700 motor control center. (44 breakers)

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Most item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BEPP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Organization	Date/ Document	Partic/Mat'l Status	Procedure	Activity	Duration	Dates: Start Number Est. Comp.	Special Requirements	Remarks
572	TR-28410	Radwaste building feeder board 2, 480V.	4		Vendor			Assd. EMI 7				Retest	GE 7700 motor control center.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	(44 breakers)
573	TR-28411	Offgas motor control center board A, 480V.	4		Vendor			Assd. EMI 7				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
574	TR-28412	Reactor MOV board 1A, 250V.	4		Vendor			Assd.				Retest	Listed in EMI 4 - to be performed on refueling outages.
					DED			Prepd.				SWP	
					Site			Appd. EMI 4				Clear	(37 breakers)
575	TR-28413	Reactor MOV board 1B, 250V.	4		Vendor			Assd.				Retest	Listed in EMI 4 - to be performed on refueling outages.
					DED			Prepd.				SWP	
					Site			Appd. EMI 4				Clear	(31 breakers)
576	EMI 20	Reactor MOV board 1C, 250V.	3		Vendor			Assd. EMI 7				Retest	Listed in EMI 4 - work to be performed on refueling outages.
					DED			Prepd.				SWP	COMPLETE
					Site			Appd.				Clear	
577	TR-28414	Shutdown board, 250V; battery & chargers, 250V.	4		Vendor			Assd. EMI 7				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Organization	Date/Document	Parts/Unit Status	Procedure	Activity	Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
578	TR-28415	Turbine building distribution board 1, 250V d.c. (45N705R2)	4		Vendor			Assd.	EMI 7			Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
579	TR-28416	Battery board 1, unit 1 equipment only (45N701-2R4)	4		Vendor			Assd.				Retest	Listed on work to be performed on refueling outages - EMI 4.
					DED			Prepd.				SWP	COMPLETE
					Site			Appd.	EMI 4			Clear	
580	TR-28417	Battery board 2, unit 1 equipment only (45N702).	4		Vendor			Assd.				Retest	Listed for work to be performed on refueling outages - EMI 4.
					DED			Prepd.				SWP	COMPLETE
					Site			Appd.	EMI 4			Clear	
581	TR-28418	Battery board 3, unit 1 equipment only (45N703)	4		Vendor			Assd.				Retest	Listed for work to be performed on refueling outages - EMI 4.
					DED			Prepd.				SWP	COMPLETE
					Site			Appd.	EMI 4			Clear	
582	TR-28419	Battery board 4, unit 1 equipment only (45N704).	4		Vendor			Assd.				Retest	Listed for work to be performed on refueling outages - EMI 4.
					DED			Prepd.				SWP	COMPLETE
					Site			Appd.	EMI 4			Clear	
583	TR-28420	Unit 1 generator - open, inspect repair as necessary, & close.	3		Vendor			Assd.				Retest	End turn hardware modification . should be completed. Stan Smith said it is only 1/2 complete. TIL 536 (order material 6 wks prior to outage). Stan Smith will check with GE. Obtain rotor forging nos.
		COMPLETE			DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

RENP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (TR, ECR, NCR)	Description	Priority	Division/Person Responsible	Approvals		Procedure	Activity	Duration	Dates:		Special Requirements	Remarks
					Organization	Date/Document				Start Est. Comp.	Number of Shifts		
584	TR-28421	EHC hydraulic fluid system pump motor 1A, 150 hp, 480V. 47	4		Vendor		Assd.					Retest	COMPLETE
					DED		Prepd.					SWP	
					Site		Appd.	EMI 6				Clear	
585	TR-28422	EHC hydraulic fluid system pump motor 1B, 150 hp, 480V. 47	4		Vendor		Assd.					Retest	COMPLETE
					DED		Prepd.					SWP	
					Site		Appd.	EMI 6				Clear	
586	TR-28423	Unit 1 generator main bus cooling fan 1, 200 hp, 480V. 47	4		Vendor		Assd.					Retest	COMPLETE
					DED		Prepd.					SWP	
					Site		Appd.	EMI 6				Clear	
587	TR-28424	Motor suction pump 1, 60 hp, 480V. 47	4		Vendor		Assd.					Retest	COMPLETE
					DED		Prepd.					SWP	
					Site		Appd.	EMI 6				Clear	
588	TR-28425	Stator cooling water pump motor 1A, 100 hp, 480V. 47	4		Vendor		Assd.					Retest	COMPLETE
					DED		Prepd.					SWP	
					Site		Appd.	EMI 6				Clear	
589	TR-28426	Stator cooling water pump motor 1B, 100 hp, 480V. 47	4		Vendor		Assd.					Retest	COMPLETE
					DED		Prepd.					SWP	
					Site		Appd.	EMI 6				Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

HEMP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (TR, ECN, WCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organization	Date/Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
590	TR-28427	Main turbine turning gear motor, 60 hp, 480V. 47	4		Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd. EMI 6				Clear	
591	TR-28428	Main turbine turning gear oil pump motor (a.c. - normal), 60 hp, 480V. 47	4		Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd. EMI 6				Clear	
592	TR-28433	Main turbine turning gear oil pump motor (d.c. emerg.), 50 hp, 250V d.c. 47	4		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd. EMI 6				Clear	
593	TR-28434	Turbine bearing lift pump motor 1A1, 10 hp, 480V. 47	4		Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd. EMI 6				Clear	
594	TR-28435	Turbine bearing lift pump motor 1A2, 10 hp, 480V. 47	4		Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd. EMI 6				Clear	
595	TR-28436	Turbine: steam packing exhauster motor, 20 hp, 480V.	4		Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd. EMI 6				Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DEEP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals Organiza- tion Date/ Document	Parts/Mat'l Status	Procedure Date	Activity Duration Number of Man/Craft	Number of Shifts	Dates: Start Est. Comp.	Special Requirements	Remarks
596	TR-28437	Turbine: vapor extractor motor, 5 hp, 480V.	4		Vendor		Assd.				Retest	COMPLETE
					DED		Prepd.				SWP	
					Site		Appd. EMI 6				Clear	
597	TR-28438	Turbine: filter transfer pump motor, 3/4 hp, 480V.	4		Vendor		Assd.				Retest	COMPLETE
					DED		Prepd.				SWP	
					Site		Appd. EMI 6				Clear	
598	TR-28439	Turbine bearing lift pump motor 1A3, 10 hp, 480V. 47	4		Vendor		Assd.				Retest	COMPLETE
					DED		Prepd.				SWP	
					Site		Appd. EMI 6				Clear	
599	TR-28440	Turbine bearing lift pump motor 1B1, 10 hp, 480V. 47	4		Vendor		Assd.				Retest	COMPLETE
					DED		Prepd.				SWP	
					Site		Appd. EMI 6				Clear	
501A	TR-28441	Generator main seal oil pump motor, 20 hp, 480V.	4		Vendor		Assd.				Retest	COMPLETE
					DED		Prepd.				SWP	
					Site		Appd. EMI 6				Clear	
502A	TR-28442	Generator emergency seal oil pump motor, 15 hp, 250V d.c.	4		Vendor		Assd.				Retest	
					DED		Prepd.				SWP	
					Site		Appd. EMI 6				Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DEPT UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Status	Procedure		Activity Duration	Dates		Special Requirements	Remarks
					Organization	Date/Document		Date	Man/Craft		Start	Number of Shifts/Comp.		
503A	TR-28443	Generator recirc. seal oil pump motor, 7½ hp, 480V.	4		Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	
504A	TR-28444	Generator seal oil vacuum motor, 2 hp, 480V.	4		Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	
505A	TR-28445	Condenser vacuum pump motor 1A, 125 hp, 480V.	4		Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
		27			Site			Appd.	EMI 6				Clear	
506A	TR-28446	Condenser vacuum pump motor 1B, 125 hp, 480V.	4		Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
		27			Site			Appd.	EMI 6				Clear	
507A	TR-28447	Screen wash pump motor 1A, 150 hp, 480V.	4		Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
		27			Site			Appd.	EMI 6				Clear	
508A	TR-28448	Reactor water cleanup demineralizer holding pump motor 1A, 5 hp, 480V.	4		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
		69			Site			Appd.	EMI 6				Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BEPP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:		Special Requirements	Remarks
					Organiza-tion	Date/Document		Date	Number of Man/Craft		Start Est. Comp.	Number of Shifts		
509A	TR-28449	Reactor water cleanup demineralizer holding pump motor 1B, 5 hp, 480V. 69	4		Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd. EMI 6					Clear	
510A	TR-28450	Reactor water cleanup recirc. pump motor 1A, 50 hp, 480V. 69	4		Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd. EMI 6					Clear	
511A	TR-28451 EMI 20	Reactor water cleanup recirc. pump motor 1B, 50 hp, 480V. 69	4		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd. EMI 6					Clear	
512A	EMI-20	Reactor building closed cooling water pump motor 1A, 75 hp; 480V. 70	3		Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd. EMI 6					Clear	
513A	EMI 20	Reactor building closed cooling water pump motor 1B, 75 hp; 480V. 70	3		Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd. EMI 6					Clear	
514A	EMI-20	Reactor building closed cooling water pump motor 1C, 75 hp, 480V. 70	3		Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd. EMI 6					Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DESP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical
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Item No.	Supporting Document (TR, ECM, MCR)	Description	Priority	Division/Person Responsible	Approvals Organiza- tion Date/ Document	Parts/Mat'l Status	Procedure Date	Activity Duration Number of Men/Craft	Dates: Start Est. Comp. Number of Shifts	Special Requirements	Remarks
515A	TR-28452	Auxiliary boiler A feed pump motor, 75 hp, 480V. 12	4		Vendor DED Site		Assd. Prepd. Appd. EMI 6			Retest SWP Clear	COMPLETE
516A	TR-28453	Auxiliary boiler B feed pump motor, 75 hp, 480V. 12	4		Vendor DED Site		Assd. Prepd. Appd. EMI 6			Retest SWP Clear	COMPLETE
517A	TR-28454	Auxiliary boiler C feed pump motor, 75 hp, 480V. 12	4		Vendor DED Site		Assd. Prepd. Appd. EMI 6			Retest SWP Clear	COMPLETE
518A	TR-28455	Auxiliary boiler A forced-draft fan motor, 30 hp, 480V. 12	4		Vendor DED Site		Assd. Prepd. Appd. EMI 6			Retest SWP Clear	COMPLETE
519A	TR-28456	Auxiliary boiler B forced-draft fan motor, 30 hp, 480V. 12	4		Vendor DED Site		Assd. Prepd. Appd. EMI 6			Retest SWP Clear	
520A	TR-28457	Auxiliary boiler C forced-draft fan motor, 30 hp, 480V. 12	4		Vendor DED Site		Assd. Prepd. Appd. EMI 6			Retest SWP Clear	COMPLETE

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
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4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

REFR UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Part's/Nat'l Status	Procedure	Activity	Duration	Dates:		Special Requirements	Remarks
					Organiza-tion	Date/Document					Start	Est. Comp.		
521A	TR-28458	Auxiliary boiler fuel oil pump motor A, 20 hp, 480V. 18	4		Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	
522A	TR-28459	Auxiliary boiler fuel oil pump motor B, 20 hp, 480V. 18	4		Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	
523A	TR-28460 EMI 20	Raw cooling water booster pump motor 1A, 60 hp, 480V. 24	4		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	
524A	TR-28461 EMI 20	Raw cooling water booster pump motor 1B, 60 hp, 480V. 24	4		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	
525A	TR-28462 EMI 20	Standby liquid control pump motor 1A, 50 hp, 480V. 63	4		Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	
526A	TR-28463 EMI 20	Standby liquid control pump motor 1B, 50 hp, 480V. 63	4		Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.	EMI 6				Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

EMEP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Organization	Date/Document	Parts/Not 1 Status	Procedure	Activity	Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
527A	TR-28464	Standby liquid control explosives valves, 2 each.	4		Vendor			Assd.				Retest	
		63			DED			Prepd.				SWP	
					Site			Appd.	EMI 1			Clear	
528A	TR-28465	Plant preferred MG set, 1 only.	4		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.	EMI 6			Clear	
529A	TR-28466	Unit preferred MG set (MMG set). 1 per unit.	4		Vendor			Assd.				Retest	
		57			DED			Prepd.				SWP	
					Site			Appd.	EMI 6			Clear	
530A	TR-28467	Reactor protection system MG set 1A.	4		Vendor			Assd.				Retest	EMI 13, part III, for refueling outages.
		Refueling outage item (listed)			DED			Prepd.				SWP	
					Site			Appd.	EMI 13			Clear	
531A	TR-28468	Reactor protection system MG set 1B.	4		Vendor			Assd.				Retest	EMI 13, part III, for refueling outages.
		Refueling outage item (listed)			DED			Prepd.				SWP	
					Site			Appd.	EMI 13			Clear	
532A	TR-28469	Inspect reactor protection system scram solenoid relays.	4	DPP	Vendor			Assd.				Retest	Listed in preventive maintenance program for refueling outages.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

DESP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (TR, ECM, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Status	Procedure		Activity	Duration	Dates:		Special Requirements	Remarks
					Organization	Date/ Document		Date	Number of Men/Craft			Start Date	Comp. Date		
533A	TR-28470	Inspect all generator protective electrical circuits & perform necessary preventive maintenance. Refueling outage item (listed)	4	PSO & DPP	Vendor			Assd.						Retest	DEM N74M12. Refueling outage item (listed). Listed in preventive maintenance program under refueling outages.
					DED			Prepd.						SWP	
					Site			Appd.	DEM					Clear	
534A	TR-28471	Change diesel-generator lube oil circulating pump motor bearings. A	4		Vendor			Assd.						Retest	Listed in EMI 3 & preventive maintenance schedule to change out every 2 yrs, also to clean & test winding. Possibly this time will be the refueling outage. Possible to be done.
					DED			Prepd.						SWP	
					Site			Appd.	EMI 3					Clear	
					Vendor			Assd.						Retest	Listed in EMI 3 & preventive maintenance schedule to change out every 2 yrs, also to clean & test winding possibly this time will be the refueling outage. Possible to be done.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
535A	TR-28472	Change diesel-generator lube oil circulating pump motor bearings. B	4		Vendor			Assd.						Retest	Listed in EMI 3 & preventive maintenance schedule to change out every 2 yrs, also to clean & test winding possibly this time will be the refueling outage. Possible to be done.
					DED			Prepd.						SWP	
					Site			Appd.	EMI 3					Clear	
536A	TR-28473	Change diesel-generator lube oil circulating pump motor bearings. C	4		Vendor			Assd.						Retest	Items 534A, 535A, 536A, & 537A.
					DED			Prepd.						SWP	
					Site			Appd.	EMI 3					Clear	
537A	TR-28474	Change diesel-generator lube oil circulating pump motor bearings. D	4		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.	EMI 3					Clear	

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure Date	Activity	Duration	Dates:		Special Requirements	Remarks
					Organization	Date/Document					Number of Men/Craft	Number of Shifts	Start Est. Comp.	
538A	TR-28475	Diesel-generator A. Inspect & perform maintenance as per instruction. EMI 3.	4	BFNP	Vendor			Assd.					Retest	Void. This work will be done & documented on SI 4.9.A.1.d & SI 4.9.A.1.a.
					DED			Prepd.					SWP	
					Site			Appd.	EMI 3				Clear	
539A	TR-28476	Diesel-generator B. Inspect & perform maintenance as per instruction. EMI 3.	4		Vendor			Assd.					Retest	Void. This work will be accomplished & documented on SI 4.9.A.1.d & SI 4.9.1.a
					DED			Prepd.					SWP	
					Site			Appd.	EMI 3				Clear	
540A	TR-28477	Diesel-generator C. Inspect & perform maintenance per instruction. EMI 3.	4		Vendor			Assd.					Retest	VOID.
					DED			Prepd.					SWP	Void. This work will be accomplished & documented on SI 4.9.A.1.d & SI 4.9.1.a.
					Site			Appd.	EMI 3				Clear	
541A	TR-28478	Diesel-generator D. Inspect & perform maintenance as per instruction. EMI 3.	4		Vendor			Assd.					Retest	Void. This work accomplished & documented on SI 4.9.A.1.d & SI 4.9.A.1.a.
					DED			Prepd.					SWP	
					Site			Appd.	EMI 3				Clear	
542A	TR-28479	Mercury vapor lights. Inspection, repair, & replacement as per instruction. EMI 9.	3		Vendor			Assd.					Retest	Listed as a refueling outage item in the preventive maintenance program.
					DED			Prepd.					SWP	
					Site			Appd.	EMI 9				Clear	
543A	TR-28480	Batteries. Discharge test, etc. DPM N73M13	3		Vendor			Assd.					Retest	Hopefully, the batteries discharge test will be performed before the refueling outage.
					DED			Prepd.					SWP	SI 4.9.A.2.C EMI 4 DPM N73M13.
					Site			Appd.	EMI 4				Clear	



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TENNESSEE VALLEY AUTHORITY

DEPT. UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure Date	Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/ Document						
544A	TR-28481	Inspect the reactor recirc. system valve operators per DPM N73M14.	3		Vendor			Assd.			Retest	Listed as a refueling outage item in the preventive maintenance program.
					DED			Prepd.			SWP	
					Site			Appd.	EMI 18		Clear	
545A	TR-28482	Inspect turbine building crane. Refer to item 320.	6	DPP	Vendor			Assd.			Retest	This preventive maintenance instruction will be performed just prior to a refueling outage. Listed in EMI 14.
		Prior to a refueling outage.			DED			Prepd.			SWP	
					Site			Appd.	EMI 14		Clear	
546A	ECN 1319	Replace EA penetration. Low voltage power (1000V) in the drywell. Refer to item 716.	3	Constr.	Vendor			Assd.			Retest	To be changed out on the first available outage per Wayne Haley. Stored in warehouse 3 cool room.
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
547A	ECN 1319	Replace EF penetration. Low voltage power (1000V) in the drywell. Refer to item 716.	3	Constr.	Vendor			Assd.			Retest	To be changed out on the first available outage per Wayne Haley. (JRWWhite, 5-515-2960 K project engr. Luke Clark, constr. engr. BFN
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
548A	TR-28484	Remove wiring for valve repair. Install wiring & set limit & torque switches after motor operators are installed after valve complete.	3	DPP	Vendor			Assd.			Retest	This work will depend on how many valve repairs will be made by mechanical.
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
549A	TR-28485	Isolated phase bus.	3	DPP Desouza PSO?	Vendor			Assd.			Retest	Clean & megger. Visual inspection.
					DED			Prepd.			SWP	
					Site			Appd.			Clear	

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TENNESSEE VALLEY AUTHORITY

DEPT UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Organization	Date/Document	Part/Mat'l Status	Procedure	Activity	Duration	Number of Men/Craft	Number of Shifts	Start Est. Comp.	Special Requirements	Remarks
550A	TR-28486	Main & unit station-service transformers & neutral reactor. DPM N73M12.	3	DPP PSO?	Vendor			Assd.						Retest	Inspect power connections, routine electrical test. Test sprinkler systems, clean bushings, & radiators. Lubricate fan motors & test coolers.
					DED			Assd.						SWP	
					Site			Assd. DPM N73M12			N74S2 N73M12			Clear	
551A	TR-28487	Generator PCB's. DPM N73M12 & N73M8.	4	DPP	Vendor			Assd.						Retest	Clean insulators - routine compressor maintenance. Timing, Doble, & microhomer tests. DPM N73M8.
					DED			Prepd.						SWP	
					Site			Assd. DPM N73M8						Clear	
552A	TR-28488	Disconnect switches for generator PCB's.	4	DPP	Vendor			Assd.						Retest	Clean insulators; check alignment adjust if necessary lubricate.
					DED			Prepd.						SWP	
					Site			Assd.						Clear	
553A	TR-28489	Lightning arrestors.	3	DPP	Vendor			Assd.						Retest	Clean porcelains. Megger test. Check leakage meters.
					DED			Prepd.						SWP	
					Site			Assd.						Clear	
554A	TR-28490	Testing ground leads.	4	DPP PSO	Vendor			Assd.						Retest	The test interval shall be every 2 years--per DPM N73M5.
					DED			Prepd.						SWP	
					Site			Assd. DPM N73M5						Clear	
555A	TR-28491	Check & inspect drywell blower motors, 10 each.	3	DPP	Vendor			Assd.						Retest	Check & see if the grease has been changed in these motors. If not, change out. Chevron SRI-2 grease is the proper lubrication.
					DED			Prepd.						SWP	
					Site			Assd.						Clear	

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TENNESSEE VALLEY AUTHORITY

DESP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/ Mat'l Status	Procedure Date	Activity Date	Duration Number of Men/Craft	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/ Document							
556A	SI-41B-9	Calibrate reactor protection system MSIV. Closure limit switch calibration.	3	DPP	Vendor			Assd.				Retest	Once per operating cycle.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
557A	SI-4.1.B-13	Calibrate reactor protection system turbine stop valve closure limit switches.	3	DPP	Vendor			Assd.				Retest	Once per operating cycle.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
558A	SI-4.7.A4C	Visually inspect each suppression chamber to drywell vacuum breaker for proper operation.	3	DPP	Vendor			Assd.				Retest	Once per operating cycle.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
559A	EMI-20	Clean 240V lighting board 1A transformer TL1A 250 KVA single phase El. 621.3.	3	DPP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
560A	EMI-20	Clean V Pnl 25-31 Elev 621.3	3	DPP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
561A	EMI-20	Clean recirc MG set 1B local control station 1B Panel 25-24.	3	DPP	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.

7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Partic/Dat'l Status	Procedure		Activity Duration	Dates:		Special Requirements	Remarks
					Organiza-tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
562A	EMI-20	Clean Recirc MG set 1A local control station 1A Panel 25-23.	3	DPP	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
563A	EMI-20	Clean Panel 25-2.	3	DPP	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
564A	TR-16514	Unit 1 drywell equip. dr. sump pump excessive operation comes in too quick - Timer needs adjusting.	3	BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
565A	TR-17170	Non-preferred group 2 cooler didn't start at 93° C. on G ₂ main transformer.	3	BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
566A	TR-17785	First out ann. doesn't seal in ann. after a scram.	3	BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
567A	TR-30708	Both indicating lights above HS-3-135 (RFPT "B" overspeed test trip lockout) go out when switch is put in L.O. position.	3	BFNP/GE J. Palmer	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals Organiza- tion Date/ Document	Parts/Mat'l Status	Procedure Date	Activity Duration Number of Men/Craft	Dates: Start Est. of Comp. Shifts	Special Requirements	Remarks
568A	TR-30709	HS-3-160 (RFPT "C" overspeed trip lockout) shows both red green lights when switch is put in L.O. position.	3	BFNP/GE J. Palmer	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	
569A	TR-18531	Resolve problems concerning line-drop, burden of pt deficiencies on main gen. P.T. (metering)	3	BFNP	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	
570A		GE modification to blast valve piston valve, & springs on GE breakers 5214 & 5218.	3	BFNP	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	Modification
571A	TR-9759	Winding temp. indicator at transf. reading down scale of units 1 & 2 (mat'l - tubing, thermostat bulb needed.)	3	BFNP	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	
572A	TR-19717	Post trip log	3	BFNP	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	
573A	TR-12465 TR-12471	Correct wiring error in main condensor low vacuum scram channels A2 & B2.	3	BFNP	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals Organization Date/ Document	Parts/Mat'l Status	Procedure Date	Activity Duration Number of Men/Craft	Dates: Start Est. Comp.	Special Requirements	Remarks
574A		ECN-E-194 Rx & refueling zone ventilation (per sws 12/6/74).	3	BFNP	Vendor DED Site		Assd. Prepd. Appd.			Retest SNP Clear	
575A	TR-12616	Cut torus penet. conn. (inside off & splice & seal. Check & lube all vacuum bkr switches.	3	DEC D. Jent	Vendor DED Site		Assd. Prepd. Appd.			Retest SNP Clear	
576A		Bus duct cooling duct split flow splitter are out. Permanent repair needed.	3	BFNP	Vendor DED Site		Assd. Prepd. Appd.			Retest SNP Clear	This will be corrected by 57-28.
577A 64-14		Replace torus vacuum breaker indicating lights terminal blocks.	3	DEC D. Jent	Vendor DED Site		Assd. Prepd. Appd.			Retest SNP Clear	
578A	TR-18549	Change 250V DC coil on MSIV 1-52. Install coil with class "H" insulation.	3	DEC	Vendor DED Site		Assd. Prepd. Appd.			Retest SNP Clear	
					Vendor DED Site		Assd. Prepd. Appd.			Retest SNP Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

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WORK AREA Electrical

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates: Start. Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft		Number of Shifts		
579A	SI 4.9.A.1.6	Diesel generator emergency loss acceptance. Demonstrate that diesel generators will start and accept load within specified time sequence.	3	DPP	Vendor			Assd.				Retest	Once per operating cycle.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
580A	SI 4.10.D	Reactor Bldg. crane must be tested prior to spent fuel cask and new or spent fuel handling.	3	DPP	Vendor			Assd.				Retest	Once per operating cycle.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
581A		Replace 60 Cutler-Hammer selector switch operator IRO letter 74-15.	3	DPP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
582A		Modify Westinghouse solid state relay terminals.	3	DPP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA _____

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals Organiza- tion Date/ Document	Parts/Mat'l Status	Procedure Date	Activity Duration Number of Man/Craft	Dates: Start Number of Shifts Est. Comp.	Special Requirements	Remarks
585A	TR-41553	Perform test on fire pump Motor C JHW DPM N75M5.	3	DPP D. Wright	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	COMPLETE
586A	TR-41554	Perform test on fire pump motor D JHW DPM N75M5.	3	DPP D. Wright	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	
587A	TR	Remove RHR ID motor repair ground 3 on motor & reinstall.		DPP D. Wright	Vendor DED Site		Assd. Prepd. Appd.	9/10HR	10/29	Retest SWP Clear	
547A	ECN 1319	Replace EF penetration. Low voltage power (1000V) in the drywell. Refer to item 716.	3	Constr.	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	To be changed out on the first available outage per Wayne Haley. (JRWWhite, 5-515-2960 K project engr. Luke Clark, constr. engr. BFNP).
					Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	
					Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	



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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
 7. Do after outage.

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WORK AREA Restoration

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals Organiza- tion Date/ Document	Parts/Mat'l Status	Procedure Date	Activity Number of Man/Craft	Duration Number of Shifts	Dates: Start Est. Comp.	Special Requirements	Remarks
600		Prepare a safety analysis report (SAR) for cable removal.	2	DED	Vendor DED Site		Assd. Prepd. Appd.				Retest SWP Clear	COMPLETE
601		Obtain NRC approval of cable removal SAR.	2	TVA/NRC	Vendor DED Site		Assd. Prepd. Appd.				Retest SWP Clear	COMPLETE
602		Determining equipment needed to meet requirements of cable removal SAR. (DPP).	2	DPP BFNP	Vendor DED Site		Assd. DPP Prepd. Appd.				Retest SWP Clear	COMPLETE
603		Accomplish work to establish plant conditions in compliance with SAR.	2	DEC	Vendor DED Site		Assd. DEC Prepd. Appd.				Retest SWP Clear	COMPLETE
604		Provide safety review for work plans in Item 603.	2	DED	Vendor DED Site		Assd. Prepd. Appd.				Retest SWP Clear	COMPLETE
605		Clean all penetrations in units 1 & 2 of fire residue.	3	DPP T. Ziegler	Vendor DED Site		Assd. MMI 46 Prepd. Appd.				Retest SWP Clear	COMPLETE

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TENNESSEE VALLEY AUTHORITY

DEEP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Restoration
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Item No.	Supporting Document (TP, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Not'l Status	Procedure		Activity Duration	Dates:		Special Requirements	Remarks
					Organiza-tion	Date/Document		Date	Man/Craft		Start Est. Comp.	Number of Shifts		
606		Spray flamemastic on all penetrations on units 1 & 2.	3	DEC	Vendor			Assd. DEC					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
607		Review as built drawings & prepare clearance request on all cables in damaged trays.	2	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
607A		Make physical evac of clearance.			Vendor			Assd.		2 Eng.	12/12		Retest	Start 5/13/75.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
607B		DEP review clearance requests & prepare required hold orders.			Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
607C		Place hold orders in effect.			Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
608		Measure & record extent of fire in all damaged trays & record appearance of trays & penetrations.	2	DEC	Vendor			Assd. DEC					Retest	In parallel with cutting.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DEEP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Restoration

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Nat'l Status	Procedure Date	Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document			Number of Man/Craft	Number of Shifts			
609		Show cross section of cable tray loading in fire area.	3	DEC	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
610		Submit panoramic set of pictures of fire area to NRC.	3	NGB	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
611		Review temporary cables installed prior to issuance of SAR to ensure they meet SAR requirements.	2	DEC/DEC	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY
BEPP UNIT 1
OUTAGE PLANNING LIST

REV General DATE 1/20/76

WORK AREA Restoration
 Page 90

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft		Number of Shifts		
612		Complete and issue pre-liminary ad hoc committee report.	3	H.S. Fox	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
613		Obtain NRC approval for cable removal (fire investigation).	3	TVA/NRC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
614		Complete study of tempera- ture of fire and area affected.	3	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
615		Cut, remove, and preserve fire-damaged cables.	2	DEC	Vendor			Assd.		20 DAS		Retest	Damaged cables must be removed and stored in such a way that they can be identified.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
616		Remove damaged cable trays and hangers and conduit.	2	DEC	Vendor			Assd.				Retest	Trays, hangers, and conduit must be identified for future study.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
617		Clean fire-damaged area. A. Dry clean. B. Protect equipment. C. Abrasively clean. D. Reclean.	2	DPP Favreau	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

BFPP UNIT 1

OUTAGE PLANNING LIST

REV General DATE 1/20/76

WORK AREA Restoration

Page 91

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza-tion	Date/Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
618		Identify all cut cables.			Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
619		Reinstall cable trays, hangers, and conduit.	2	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
620		Complete study of how far back the cables must be cut to assure good cable.	2	DEC	Vendor			Assd.				5/26		Retest	Wyle Labs. - 2 Weeks.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
621		Complete TVA investigation of fire.	3	Office of Power	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
622		Complete NRC investigation of fire.	3	NRC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
623		Prepare SAR for restoration of U-1 with U-2 in operation.	2	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Restoration

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Item No.	Supporting Document (IR, ECN, NCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/ Mat'l Status	Procedure		Activity Duration	Dates:		Special Requirements	Remarks
					Organization	Date/ Document		Date	Number of Men/Craft		Start Est. of Comp.	Number of Shifts		
624		Determine configuration needed to meet U-1 restoration SAR.	2	DPP/BFNP	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
625		Accomplish work to establish configuration identified in Item 624.	2	DEC	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
626		Obtain NRC approval of SAR for restoration of U-1.	3	TVA/NRC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
627		Develop QA program for overall fire restoration.	3	Office of Power & Office of Engineering Design & Construction.	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
628		Complete studies & finalize design changes required as a result of TVA & NRC investigations.	2	DED	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
629		Obtain NRC approval of proposed design changes.	2	TVA/NRC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Restoration
Page 93

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Part's/Mat'l Status	Procedure Date	Activity Duration		Dates:		Special Requirements	Remarks
					Organization	Date/Document			Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
630A		Pull & splice cables. Run divisional cables.	2	DEC	Vendor			Assd. DED/DEC					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
630B		Pull divisional cables:			Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
631		Functional test cables.	2	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
632		Obtain NRC approval of proposed reoperational test procedures.	3	TVA/NRC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
633		Scope reoperational test procedures.	2	DED C. Michelson	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
634		Write reoperational test procedures.	2	DEC/BFNP D. Eidson	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Emergency outage.
 2. Expected critical path (CP).
 3. Must item but not CP.
 4. Nice but not must item.
 5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY
BFNP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
 7. Do after outage.

REV General DATE 1/20/76

WORK AREA Restoration
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Part's/Mat'l Status	Procedure	Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document			Number of Man/Craft	Number of Shifts			
635		Perform reoperational test.	2	DEP/BFNP D. Eidson	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
636		Evaluate reoperational test results.	2	DED C. Michelson	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
637		Approve reoperational test results.	2	FORC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
638		Obtain NRC approval of reoperational test results & obtain permission to start up.	2	TVA/NRC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
639		Complete electrical study of heat affected area.		B. Gant Committee Tom Hancock	Vendor			Assd.				Retest	Completed before cable cutting. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
640		Complete mechanical study of heat affected area.		DED	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Restoration

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Procedure	Activity	Duration	Dates:		Special Requirements	Remarks
					Organiza-tion	Date/Document				Start	End		
641		Submit comments on cable removal SAR to DED. NA	3	BFNP	Vendor		Assd.					Retest	
					DED		Prepd.					SWP	
					Site		Appd.					Clear	
642		Remove temp wall after broad brush cleaning.	3	Favreau	Vendor		Assd.					Retest	
					DED		Prepd.					SWP	
					Site		Appd.					Clear	
643		Clean & dye penetrant inspect all uninsulated piping, including area of piping covered by pipe clamps, hangers, etc. A fire protection line & floor drains are known to require		DEC	Vendor		Assd.					Retest	Forward results to Program VIII team for evaluation. Procedures must be developed to provide fire protection during time this line is out of service. See reference 3.17
					DED		Prepd.					SWP	
					Site		Appd.					Clear	
		repair without further evaluation.			Vendor		Assd.					Retest	
					DED		Prepd.					SWP	
					Site		Appd.					Clear	
644		Repair and/or refinish uninsulated piping as required.	3	DEC	Vendor		Assd.					Retest	
					DED		Prepd.					SWP	
					Site		Appd.					Clear	
645		Wrap cleaned & refinished lines.	3	Chatt. Favreau	Vendor		Assd.					Retest	
					DED		Prepd.					SWP	
					Site		Appd.					Clear	



Priority Codes:

1. Emergency outage. 4. Nice but not must item.
 2. Expected critical path (CP). 5. Contingency item, plan
 3. Must item but not CP. for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DEPT UNIT 1

OUTAGE PLANNING LIST

6. Do before outage.
 7. Do after outage.

REV General DATE 1/20/76

WORK AREA Restoration

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Item No.	Supporting Document (TR, ECM, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Part's/ Mat'l Status	Procedure		Activity Duration	Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Man/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
646		Remove insulation from insulated piping.	3	Chatt. Favreau	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
647		Clean insulated piping.	3	Chatt. Favreau	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
648		Dye check insulated pipe.	3	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
649		Repair insulated pipe if required.	3	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
650		Prepare & paint uninsulated pipe in fire zone.	3	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
651		Clean all stainless steel lines in fire zone.	3	Chatt. Favreau	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DESP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Restoration

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Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Part's/Not's Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organization	Date/Document			Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
652		Dye check all SS lines in fire zone.	3	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
653		Repair or replace SS line as required.	3	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
654	Program VIII	Prepare & refinish ventilation duct in fire zone.	3	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
655	Program VIII WP 4131	Remove core & reinforcing bar samples from concrete slab.	3	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
656	Program VIII	Analyze samples to determine needed repair.	3	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
657	Program VIII	Repair damage incurred in removing samples.	3	DEC	Vendor			Assd.						Retest	Do not use epoxy bonding agent.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

Priority Codes:

1. Emergency outage.
 2. Expected critical path (CP).
 3. Must item but not CP.
 4. Nice but not must item.
 5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BEPP UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
 7. Do after outage.

REV General DATE 1/20/76

WORK AREA Restoration

Page 98

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals Organization Date/Document	Parts/Mat'l Status	Procedure Date	Activity Number of Man/Craft	Duration Number of Shifts	Dates: Start Est. Comp.	Special Requirements	Remarks
658	Program VIII	Repair fire damage to reinforced concrete.	3	DEC	Vendor DED Site		Assd. Prepd. Appd.				Retest SWP Clear	
658A		Chip out damaged concrete.	3	DEC	Vendor DED Site		Assd. Prepd. Appd.				Retest SWP Clear	
					Vendor DED Site		Assd. Prepd. Appd.				Retest SWP Clear	
					Vendor DED Site		Assd. Prepd. Appd.				Retest SWP Clear	
					Vendor DED Site		Assd. Prepd. Appd.				Retest SWP Clear	
					Vendor DED Site		Assd. Prepd. Appd.				Retest SWP Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

EFMP UNIT 1

OUTAGE PLANNING LIST

REV General DATE 1/20/76

WORK AREA Restoration

Page 99

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts				
659	Program VIII WP 4303	Remove expanded bolt anchors and replace with grouted in place anchors.	2	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
660		Replace and refurbish pipe supports as required.	2	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
660A	WP 4302	Install temp. seismic hanger and remove old seismic hanger.	2	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
661		Install new insulation on insulated lines.	3	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
662		Cleanup, refinish and where required, mark embedments "DO NOT USE".	3	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
663		Cleanup and touch up as necessary.	3	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

DEFP UNIT 1

OUTAGE PLANNING LIST

REV General DATE 1/20/76

WORK AREA Restoration

Page 100

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
664		Install fire protection spray headen.	3	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	



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Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

HFMT UNIT 1
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA _____

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Item No.	Supporting Document (TR, ECM, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure Date	Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document						
665		Remove old sealant material from electrical penetrations IAW HF205R.	2	DEC	Vendor			Assd.			Retest	
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
666		Reseal electrical penetrations IAW HF	2	DEC	Vendor			Assd.			Retest	
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
667		Pull all modification cables.	2	DEC	Vendor			Assd.			Retest	
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
					Vendor			Assd.			Retest	
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
					Vendor			Assd.			Retest	
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
					Vendor			Assd.			Retest	
					DED			Prepd.			SWP	
					Site			Appd.			Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

REV General DATE 1/20/76

WORK AREA Modifications

Page 1

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals Organiza- tion Date/ Document	Parts/Nat'l Status	Procedure Date	Activity Duration Number of Men/Craft	Dates: Start Est. Comp.	Special Requirements	Remarks
0-16	IM-200 L1444 FDL-380 WP-2058, 3834	Add chromated water transfer pump and head tank.	3	DEC	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	
0-20	L1230	Add 120V AC lighting supply-off-gas and DG buildings.	2	DEC	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	Common list. 0-244-1.
0-37	285/87000	Feedwater sparger inspection.	1	DPP/Brimer Chatt.	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	COMPLETE.
0-27	FDI 167/87000-1 L1384	Invessel rack mod.	3	DEC	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	In work EM shop 9/27. COMPLETE.
0-38	L1461 WP 3793	Install protective coatings on floors and walls in various locations.	3	DEC	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	
0-39	MCR 637 SIL 86	Install stainless steel screens over Rx cavity drains.	1	Chatt.- Jones	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	Delete. Drainlines are cut & capped making the MCR. N/A. COMPLETE



Priority Codes:

1. Must Be Done
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3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

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					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	
O-31	WP-3050	Remove transient recorder and cabling.	1	BFNP-Cox	Vendor			Assd.				9/15 Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
O-17	LI229 LI381 WP-3227, 3364, 3752, 3852, 2417	Add restraints -. protect or relocate electrical trms. and conduit to increase reliability during postulated line breaks.	1	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
O-29	271/87000 MCR 459 WP-2950	Install 3 sets of shock suppressors on torus suction ring header.	1	DEC	Vendor			Assd.				Retest	GE drawing 757E289. In work 9/25. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
O-28	264/87000	Locate jet pump tack weld unit.	1	GE	Vendor			Assd.				Retest	DEC holds COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
O-36	ERL-424 MCR 614	Marker plate change panel 9-5.	3	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
O-21	LI247 WP-3331	Revise DG building personnel access door.	3	DEC	Vendor			Assd.				Retest	COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
0-23	WP 2213	Condenser baffle modifica- tions	1	DPP/Chatt. Schean	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
0-18		Upgrade hangers and supports and incorporate improvements made on U2.	2	DEC	Vendor			Assd.				Retest	UP-GRADE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
0-3	M91 11131 WP 2949	Modify retainer plates on block wall.	1	DEC	Vendor			Assd.	5 IW	10		Retest	NRC commitment. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
0-25	153/87000	Vibration instrumentation removal MMI 2.3.1-B	1	GE/Chatt.	Vendor			Assd.				Retest	COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
0-26	175/87000 MMI	Dryer separator test. Steam quality instrumentation removal MMI 2.3.1-B.	1	Chatt.	Vendor			Assd.				Retest	COMPLETE. Same as 28.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
0-19	M9A ER1-342 R1 MCR 342 WP 2976 3538, 3720	Cooling tower and off-gas additions that affect U-1	1	DEC	Vendor			Assd.	2E	4		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals			Procedure	Activity	Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document	Parts/Nat'l Status			Number of Men/Craft	Number of Shifts			
O-41	ER1-451	Reactor protection system - Dwg. correction to resolve errors between docum. & existing hardware.			Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
O-42		Provide instrumentation for for vessel cumulative fatigue usage factors ref FSAR-4.7 & 6.6.		DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
O-1	ECN-M425	Intake pumping station- relocate 30" line.			Vendor			Assd.					Retest	Work Complete.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
O-16	ECN-IM200 ER1-380 MCR-683 L-1533 WP 2058 WP 3834	Addition of chromated H ₂ O pumps and head tank. Add switches and indicating lights to panel 9/3.			Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
O-38	L1461 L1594 WP 3793	Additional protective coatings to floors and walls various locations.			Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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DESP UNIT 1

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
1-27	L1223 MCR 308 FDR 1-370	Relocate pressure switch PS-1-72 and 76.	1	DEC	Vendor			Assd.				Retest	COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
1-29	L1489 WP 3817	Reroute crossaround relief valve vent to condenser.	1	DPP	Vendor			Assd.				Retest	DEC to write WP. Chatt. to do work
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
1-26	MCR 641 ERL 446 WP 3306	Install a set screw in the piston rod stems on the MSIV's.	1	DPP/Parks Chatt.	Vendor			Assd.				Retest	COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
1-25	MCR 584 WP 3007	Modify main turbine journal Nos. 3, 5, and 8 to remove grooves cut by foreign particles (work item 1-25).	1	DPP/Chatt.	Vendor			Assd.				Retest	COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
1-22	277/87000 MCR 487 3334	Pin the MSIV stem to spring holder.	1	DPP/Chatt.	Vendor			Assd.				Retest	COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
1-23	278/87000 3349	Change out teflon seals and "O" rings on MSIV.	1	DPP/Chatt.	Vendor			Assd.				Retest	COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
1-16	L1277 REFN MCR 352	Add required devices and circuits to provide prompt relief valve trip.	3	DEC	Vendor			Assd.				Retest	NRC has hold on this item.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
1-20	ERL-378 MCR 426 WP 3595	Rotate valve operator on MSIV's.	1	DPP/Chatt.	Vendor			Assd.				Retest	COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
1-18	MCR 455 ECN L1340	Change TR-1-1 alarm setpoint from 250° increasing to 300° increasing. (Relief valve tailpipes).	3	DPP/BFNP J. Pittman	Vendor			Assd.				Retest	MCR 141 changed from 200° to 250°. Need FDDR before L1340 is released.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
1-24	WP 2902 MCR 593	Mod 2nd stage locking device on Target Rock safety relief valves.	1	DPP/Chatt.	Vendor			Assd.				Retest	COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
1-3	L1165 MCR 157 & MCR 171	Units 1-3 crosstie for steam to steam seal reg. and SJAE.	1	DEC	Vendor			Assd.				Retest	Need NRC approval. L1165 not issued 4/9/75 because NRC held.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
1-10	M724 REON	Add controls for steam to 3rd stage SJAE. Panels 9-7 and 9-36.	1	DEC	Vendor			Assd.				Retest	REON complete 8/9/75.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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BFMP UNIT 1

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					Organization	Date/Document	Parts/Nat'l Status		Date	Number of Men/Craft	Number of Shifts		
1-12	247/87000 Rev. 0, 1, 2 MCR 112 ECN 11626 WP 3967	Replace pneumatic controls MSIV.	1	DPP/Chatt.	Vendor			Assd.				Retest	Mech part comp.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
1-14	270/87000 3349	Replace parts in MSIV pneumatic cylinders.	1	DPP/Chatt.	Vendor			Assd.				Retest	COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
1-2	ECN 11108	Reroute 4" steam RCIC line in MS vault.	1	DEC	Vendor			Assd.				Retest	VOID.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
1-13	MCR 254 262/87000 R2	Modify MSRV discharge piping and install rigid restraints in torus. 1663 BFMP 75-127 Heat Treat. A 516 plate.	1	DEC/GE	Vendor			Assd.				Retest	TVA to supply restraining material, requires torus to be drained. Unit 1 to be like Unit 2. Patterson-Davidson 3/21/75. Bellows due 5/15/75.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
1-1	M100 REMP	Check out main steam drain valves panels 9-3 (position ind (45N77-15). Do with 763.		DEC	Vendor			Assd.				Retest	COMPLETE 3/23/73.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
1-5	MCR 225 ERL-346	MS line drain valve interlock relay. 158A.	3	DEC/GE	Vendor			Assd.				Retest	FDI will be issued. DED disapproved 5/1/74. VOID
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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TENNESSEE VALLEY AUTHORITY

DEEP UNIT 1

OUTAGE PLANNING LIST

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					Organiza- tion	Date/ Document	Parts/Nat'l Status		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
1-11	IL1037 1024 3736 3622	Add MOV to main steam supply to off-gas preheater.	1	DEC	Vendor			Assd.		3F 3E	5			Retest	Valve installed waiting on motor operator, need safety review.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
1-30	IL1521 WP 3570 3520	MSIV stem machining/replacement.	1	DPP	Vendor			Assd.						Retest	COMPLETE.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
1-31		Change out MSRV 2nd stage stem mat'l.	1	DPP	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
1-32	ER1-455	Interchange controls on MSRV's to change ADS valves.	1	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
1-33	MCR 733	Substitute SA-350-LF material for SA-105 for main steam isolation poppet valves.		DPP	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
1-34	MCR 779 FDI-296- 87000 WP 5070	Modify 2nd stage area of model 7367F safety relief vlvs to configuration of model 7467F by cutting off insert to facilitate bench test	1	DPP	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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TENNESSEE VALLEY AUTHORITY

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
2-6	CR 242 F226 ECN L107 WP 1507C WP 1588C	Install TDR's, light and power fail interlocks on condensate, fuel pool, and RWCU filter demins.	2	DEC	Vendor			Assd.				Retest	90744 10602/06 (Graver) GE PO# H1021-MPL 19-4 warehouse 3 attic.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
2-9	WP 2847 MCR 318 ECN L1198	Change setpoint on PDS-2-130A & B.	3	DPP/BFNP Pittman	Vendor			Assd.				Retest	COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
2-10	ECN L1202 MCR 135 WP 3335 3718	Add instrumentation to condensin. system bypass (air supply) and revise. Original setpoints on instrumentation.	3	DEC/DPP	Vendor			Assd.				Retest	COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
2-12	ECN L1206	Install flow measuring device on condensate side of off-gas condenser.	1	DEC	Vendor		86203	Assd.				Retest	Condensate supply held for Rechar System. VOID.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
2-13	ECN L1293	Install gauge protectors for pressure differential indicating switches FDIS-3-95, -96, -97, -120A, -120B, & -120C to provide overrange protection.	3	DEC	Vendor			Assd.				Retest	Alarms on ΔP between RFP suction and seal water pressure. VOID. SEE ELNL 1408 See 3-15
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
2-14	MCR 533	Elevate condenser vacuum switches to prevent formation of water legs.	1	DEC	Vendor			Assd.				Retest	Waiting on design info.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
2-16	MCR 581 11478	Modify hotwell sample station drains	2	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
2-5	MCR 238 11225	Add air supply fan to cond. demin. panel 25-121.	3	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
2-18	MCR 644 WP 3333	Change backwash timer setting	3	DFP/BFNP	Vendor			Assd.				Retest	COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
2-19	ECN C33	Install chain operator on valves 2-509, 518, and 527.	3	DFP	Vendor			Assd.				Retest	DEC to provide the chains & operate
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
2-7	ER1-395 Rev. 1 MCR 486 11064 WP 3662 3632	Add MOV's at condensate storage tanks.	3	DEC	Vendor			Assd.		2EL	1	Retest	In work. (COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
2-2	11086 WP 2436 WP 3229 3790, 3791	Add parallel short cycle recirculation line to "B" condenser with MOV valve.	2	DEC	Vendor			Assd.		10F	5	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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BFSP UNIT 1

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
2-4	L1154 WP 2722	Install flow indicators to conductivity cells on the cond. demin.	3	DEC	Vendor			Assd.	4F	7		Retest	COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
2-17	MCR 586/585	Add "tee" to condenser back-pressure sensing line (see also MCR 533).	2	DFP	Vendor			Assd.	2F	1		Retest	To MGB on 3/21/75. To DED SR 11/28/75.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
2-23	L1285 L1048	Add conveyor for handling Powdex resin.	2	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
2-20	L1504	Install Pacific Scientific shock arrestors	2	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
2-21	L1485 WP 3815	Relocate, change range and designation of flow ind. 2-12.	1	DEC	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
2-22	L1528	Initial issue of detailed hanger drawings.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
2-15	MCR 536 ECN L1054	Dwg change to correct errors made on RO of FDIR. 3098-C 3091-C	2		Vendor			Assd.						Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	



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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
3-16	MCR 587 WP 2939	Modifications to RFP turbine per GE TIL 74.2 (work item 3-16).	2	DPP/Chatt.	Vendor			Assd.						Retest	Find out if complete & issue of design of WP. COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
3-2	L1019 WP 3307	Install test connection in accordance with operational quality assurance manual feedwater system.	1	DEC	Vendor			Assd.		4F	3			Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
3-4	L1184 MCR 231 WP 3078	AP gauge across RFP injection water duplex strainer.	2	DEC	Vendor			Assd.		3F	3			Retest	Requires RFP to be isolated.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
3-7	L1195 MCR 187 ERL-309	Move power supply for reactor water high level trip circuit "A" from I&C bus to 250V DC.		DEC I&C	Vendor			Assd.						Retest	COMPLETE 2/6/75 per JR.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
3-17	MCR 658 WP 3751	Replace 14 Yarway snubbers with produce improvement-all SS.	1	BFNP	Vendor			Assd.						Retest	Write WP to change out as needed.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
3-1	ECN L1016	Reduce spans on FW heaters 4 & 5 level transmitters.	2	DPP/BFNP Pittman	Vendor			Assd.		2IM	1			Retest	COMPLETE.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	



Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

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WORK AREA Modifications

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
3-3	WP 2848 MCR 179 ECN L1150	Feedwater & feedwater control change setpoints on FS-3-78 & FS-46-5.	2	DPP/BFNP	Vendor			Assd.				Retest	COMPLETE. John Pittman completed field work 3/14/75. Need signed off copy of work plan.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
3-5	MCR 176	Relocate or parallel the following gauges. RFPT gauges 2, 3, 4, & 9.	3	DEC	Vendor			Assd.				Retest	Requires feed pump isolation.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
3-6	ECN M4-R2	Add "C" contacts to press SWS on RFP controls. FS 3-123C, -149C, & -174C (45N 612-1).	3	DEC	Vendor			Assd.				Retest	Requires RFP isolation.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
3-14	MCR 416	RFPT turbine motor speed changer circuit. Change the dropping resistors to a voltage divider network.	2	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
3-15	MCR 463 ECN L1408 WP 3887	Replace PDIS-3-94, -96, -97, -120A & -120B transmitters with replacements having a range of 0 to 150 PSID (seals on RFP).	3	DEC	Vendor			Assd.		4IM 2F 2E		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
3-18	L1471 WP 3728	Modify wet leg transmitters to eliminate boiling off problem.	1	DEC	Vendor			Assd.				Retest	Need DED info.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

DEPT UNIT 1

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
6-2	MCR 478 L1457	Change setpoints on switches and controllers on FW heaters.	2	DPP/Pittman	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
6-1	ECN L1348	Make tags the same on all 3 units RFPT valve drain valves.	3	DPP/DEC	Vendor			Assd.						Retest	No material required.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

DEPT UNIT 1
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WORK AREA Modifications

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
9-1	ERL-449	To make GE dwgs. compatible W/TVA dwgs. which are being revised under ECN M157 & L1410	2		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
9-2	ERL-450	Correct I.D. numbers that were in error on GE dwg.	2		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

**TENNESSEE VALLEY AUTHORITY
DEEP UNIT 1
OUTAGE PLANNING LIST**

REV General DATE 1/20/76

WORK AREA Modifications
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
12-1	M200 WP 3513 3842	Add steam supply to 3rd stage SJAE and off-gas preheaters.	1	DEC	Vendor			Assd.				Retest	In work.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1
OUTAGE PLANNING LIST

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WORK AREA Modifications

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts			
18-1	MCR 535 L1518	Cut bubbler tube to 60". -DG fuel oil level transmitter.	3	DPP BFNP	Vendor			Assd.					Retest	To NGB on 1/30/75.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

DEPT UNIT 1
OUTAGE PLANNING LIST

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp. p.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts			
23-2	ER1-179 MCR 50 ECN L1058 WP 2303 WP 3239	Revise control panel for addition of new RHRSW pumps. WP 3941 WP3240	1	DEC	Vendor			Assd.					Retest	Work involves Pnl 9-3. In work.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
23-7	MCR 541	Revise piping on RHR heat exchanger (RHRSW vents).	3	DPP/Chatt. Brimer Ziegler	Vendor			Assd.					Retest	Write WP to close out exception item & make mod as required by maint. Check on approvals (on site or DED?)
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
23-8	ECNL1496	Replace disc in FCV-23-34, 42, 46, and 52 with V notch Type.	2		Vendor			Assd.					Retest	Disc are ordered per Gene Sanders 9/23.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



Priority Codes:
 Must Be Done
 Desirable To Be Done If Manpower & Time Permits
 Can Be Delayed

TEENESSEE VALLEY AUTHORITY
 BEPP UNIT 1
 OUTAGE PLANNING LIST

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WORK AREA Modifications

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Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals Organiza- tion Date/ Document	Parts/Nat'l Status	Procedure Date	Activity Duration Number of Men/Craft	Dates: Start Est. Comp.	Special Requirements	Remarks
L1419	Add seismic restraints to RCW and qualify.	2	DEC	Vendor		Assd.			Retest	
				DED		Prepd.			SWP	
				Site		Appd.			Clear	
ER1-311 RO & R1 MCR 209 M157 WP 3363	Changes in auxiliary RCW. Add 2-30,000 gpm auxiliary RCW pumps. 3875, 2306	2	DEC	Vendor		Assd.			Retest	TVA to furnish partial material. GE material complete.
				DED		Prepd.			SWP	
				Site		Appd.			Clear	
				Vendor		Assd.			Retest	
				DED		Prepd.			SWP	
				Site		Appd.			Clear	
				Vendor		Assd.			Retest	
				DED		Prepd.			SWP	
				Site		Appd.			Clear	
				Vendor		Assd.			Retest	
				DED		Prepd.			SWP	
				Site		Appd.			Clear	
				Vendor		Assd.			Retest	
				DED		Prepd.			SWP	
				Site		Appd.			Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

OUTAGE PLAN LOG LIST

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WORK AREA Modifications

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.			
26-2	MCR 652	Change contact on FP relay 9-361 to NC contact and change annun. window.	3	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
26-1	ECN LL366 WP 3515	Fire protection hose conn. on 621 elev. for filter purge unit.	2	DEC	Vendor			Assd.		3F	3			Retest	Drywell and suppression chamber purge exhaust filter system.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
26-3	ORIG Const	Install chain operators on the following valves 26-970 (8"), -826 (4"), 976 (4").	2	DFP	Vendor			Assd.						Retest	DEC to provide operators.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

DEPT UNIT 1

OUTAGE PLANNING LIST

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WORK AREA Modifications

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	End		
27-4	L1282 WP 3259	Extend ground wire to panels 25-250A, B, & C from ground system in cable trays.	3	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
27-6	MCR 494 L1428 3189C	Replace LIS-27-35, 43, 51, 59; 67, and 65 with PDIS's.	3	DEC	Vendor			Assd.		2F 2IM 1F	3			Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
27-1	ECN M416	Add vacuum loop to CCW conduit to the warm water channel.	3	DEC	Vendor			Assd.						Retest	Req'n 85625
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
27-3	CR 159	Provide offset for motor operators on condenser tube cleaning system.	3	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
27-2	ECN L1009	Relocate PDIS 27-89, -91, -93, -95, -97, & -99 to panel 25-250A, B, & C.	2	DEC	Vendor			Assd.		2IM 2E 2F	4			Retest	<u>COMPLETE.</u>
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	



Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TELEPHONE VALLEY AUTHORITY

DEPT UNIT 1

OUTAGE PLANNING LIST

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WORK AREA Modifications

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts			
30-1	ECN M914C ECN L1176 WP 2806 2714, 2715, 3235C	Add coolers for condensate hotwell and booster pumps.	2	DEC	Vendor			Assd.		3M 4E 5P	10		Retest	In Work.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
30-5	ECN L1315 WP 3729	Install exhaust ducts from instrument panels 25-95 and hydrogen analyzers and connect to existing exhaust ductwork.	1	DEC	Vendor			Assd.					Retest	Any leakage from H ₂ analyzer will be picked up by off-gas system. In work.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
30-3	FC766	Change out damper in turbine building exhaust duct.	3	DEC	Vendor			Assd.					Retest	DEC feels that presently installed dampers are adequate. On U-2 there are dampers but on U-1 they are guillotine dampers.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
30-6	L1491 DEN 219	Interlock turb. bldg. supply fans W/Turb. Bldg. exhaust fans.			Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TEENESSSEE VALLEY AUTHORITY

LETP UNIT 1

OUTAGE PLANNING LIST

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WORK AREA Modifications

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals			Procedure	Activity	Duration	Dates:	Special Requirements	Remarks
					Organiza- tion	Date/ Document	Parts/Mat'l Status				Start Est. Comp.		
31-4	L1321 WP 2870 WP 2885	Resolve single failure criteria on control bay air conditioning piping system.	1	DEC	Vendor			Assd.	4F	10		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
31-1	MCR 184 L1161	Install diffusers and baffles for control bay HVAC smoke detectors.	1	DEC	Vendor			Assd.				Retest	Req'n 85627.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
31-5	MCR 627 WP 3200	Relocate refrigerant filter on the A & B control bay chillers.	3	DPP/BFNP	Vendor			Assd.				Retest	<u>COMPLETE.</u>
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
31-2	ECN L1242 WP 3653	Control bay - modifications to heating, ventilating, and air conditioning system.	1	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
31-6	MCR 656	Replace the control bay refrigerant oil heat exchanger with external type.	2	BFNP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

DPP UNIT 1

OUTAGE PLANNING LIST

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					Organiza- tion.	Date/ Document		Date		Number of Men/Craft	Number of Shifts			
32-7	ECN L1413	Change control and service air systems to provide increased compressor capacity and to prevent multi-unit trips due to low control air press.	1	DEC	Vendor			Assd.					Retest	Need DED info & mat'l. U-3 portion working.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
32-5	MCR 297	Check for proper routing of DW control air moisture trap drains should go to CRW.	3	DEC	Vendor			Assd.					Retest	COMPLETE 5/7/75.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
32-6	ECN L1378	Revise marker tag nos. to eliminate duplication and provide nos. for unmarked valves.	3	DEC	Vendor			Assd.					Retest	No material required.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
32-8	MCR 514	Change DW N ₂ compressor relief valves.	2	DEC	Vendor			Assd.					Retest	To NGB on 1/4/75.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
32-1	L1065	Reactor bldg control air to 32-29 & 32-28. To make rail close.	2	DPP	Vendor			Assd.					Retest	Written MCR to void ECN L1065.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TECHNICAL VALLEY AUTHORITY

DEEP UNIT 1

OUTAGE PLANNING LIST

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp. Date	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts			
33-1	MCR 60 ECN L1043	Install moisture drain trap at low point in service air supply to floor drain and waste filter.	3	DEC	Vendor			Assd.		3F	3		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
33-3	MCR 720 L1567	Valve 784 to be closed per MCR Dwg. 47W845-2.			Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TEENESSSEE VALLEY AUTHORITY
DEPT UNIT 1
OUTAGE PLANNING LIST

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WORK AREA Modifications

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
35-1	MCR 543 WP 2820	Install revised insulator in generator collector's end.	1	DEP/Chatt.	Vendor			Assd.						Retest	COMPLETE.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
35-2	MCR 631 WP 3317	Machine vertical joint face for H ₂ seal.	1	DEP/Chatt. Duke	Vendor			Assd.						Retest	COMPLETE.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
37-2	ECN L1265 MCR 280 WP 2571 WP 3083	Convert GS supply to manual operation and provide supply from 3" cond. line with automatic control. Also supply FCV-2-260 with gland seal water.	2	DEC	Vendor	36257-1		Assd.	3F	10		Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts			
43-10	L1350	Add valve marker tags and revise drawings.	3	DEC	Vendor			Assd.					Retest	<u>COMPLETE.</u>
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
43-1	CR 295 L1078 WP 3846	Install 3-way valves on sample stations to facilitate flushing.	2	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
43-2	L1122	Add auto water sampling unit.	2	DEC	Vendor			Assd.					Retest	Req'n 85729.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
43-9	ECN L1275 MCR 335 WP 3215	Relocate sample point to O ₂ analyzer O ₂ AN 43-3 from disc of hotwell pumps to the outlet of condensate demin. Replace piping with 4" SS.	2	DEC	Vendor			Assd.					Retest	<u>COMPLETE.</u>
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
43-3	ECN L1234 MCR 282 WP 3281	Install a pressure sensor to remove power to pumps on loss of prime - seq. sampler on condenser.	3	DEC	Vendor		36073	Assd.		3E 2F	3		Retest	<u>COMPLETE.</u>
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
43-1					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	End		
43-4	ECN IM612	CCW sampling pumps - complete permanent power connections.	2	DEC	Vendor		B5089 B5179	Assd.						Retest	Replace centrifugal pumps with positive displacement pumps.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
43-6	ECN L1274 MCR 303 WP 3921	Install piping, valves and instrumentation off condenser hotwell sampling system (backup system).	2	DEC	Vendor			Assd.		2F 2E	3			Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
43-7	ECN L1250 MCR 330 WP-3381- 3799, 3924	Feedwater - Install constant temperature bath for sampling cooling.	2	DEC	Vendor			Assd.						Retest	<u>COMPLETE.</u>
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts			
44-1	WP 2489C CR 220	Move TIC-44-11 to 593' elev. at LCV-44-11 due to inaccessability.	2	DEC	Vendor			Assd.		2F 2E	3		Retest	Breaks secondary containment.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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Item No.	Supporting Document (IR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
47-3	E108 WP 2960 3619, 3647 3691	Modify turbine EHC load reference logic for addition of Automatic Data System by change in indicator lamps.	3	DPP/I&C	Vendor			Assd.	2E	2		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
47-6	MCR 593 WP 2989C	Modify EHC Hydraulic power unit filters IAW GE TIL 759-1 COMPLETE DPM No. BF7401B		BEFP	Vendor			Assd.				Retest	Check to see if complete.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
47-5	MCR 549 WP 3780 WP 3913	Install bearing metal TC's in main turbine generator.	3	DPP/Chatt.	Vendor			Assd.				Retest	To NGB on 2/11/75. All bearings drilled.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
47-1	ECN E213 ECN E129 WP 3695	480V TB vent boards A & B Add time delays to EHC heaters.	1	DEC	Vendor			Assd.	2E	2		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
47-2	ECN L1110	EHC - Add connections for cables 1A910 & 1A911 to panel 9-31F and 9-37. Add phone jacks to 9-31F. See scheme on E215.	3	DEC	Vendor			Assd.	2E	2		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
47-4	ECN L1295 MCR 390	Install core monitor in generator to detect deterioration products in H ₂ .	3	DPP/BEFP Teague	Vendor			Assd.				Retest	Need to do while generator is apart.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion.	Date/ Document	Parts/Mat'l Status					
47-7	MCR 665 WP 3746	Replace inlet spray nozzle on seal oil unit vacuum tank.	3	DPP/BFNP	Vendor			Assd.			Retest	COMPLETE
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
47-8	MCR 707 WP 3749	Modify turbine generator coupling per T-33-Q-457.	3	Chatt./ Mason	Vendor			Assd.			Retest	COMPLETE
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
47-9	MCR 689 WP-3831	Make changes to MTV's switch & MTV piston assembly on main turbine overspeed trip.	3	Chatt./ Mason	Vendor			Assd.			Retest	
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
47-10	MCR 715	Increase the electrical break-down (air gap) area on the Agastat time delay relays.	3	DPP	Vendor			Assd.			Retest	COMPLETE.
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
47-11	MCR 725	Replace micro-switch with 2 HGA relays per GE field modification WDS-11.			Vendor			Assd.			Retest	COMPLETE.
					DED			Prepd.			SWP	
					Site			Appd.			Clear	
					Vendor			Assd.			Retest	
					DED			Prepd.			SWP	
					Site			Appd.			Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
55-2	ER1-332	Annunciator window and cable corrections.	3	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
55-3	L1424 MCR 512 WP 3545C 3690C, 3655 3544	Add 2 relays (differential and sudden) to operate sequential events recorder.	3	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
55-4	ER1-417 MCR 562 R2	Annunciator window change.	3	DEC	Vendor			Assd.				Retest	TVA to supply material.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
55-1	L1197 WP 3369C ER1-381 MCR 425 L1239 REPM	Annunciator change related to REPM.	3	DEC	Vendor			Assd.				Retest	TVA to furnish material. See item 0-29.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

DEFP UNIT 1

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza-tion	Date/Document			Date	Number of Men/Craft	Number of Shifts			
57-1	EI-262 ECN L1066 WP 3621	480V Turbine MOV Bd 1C - Add 3 combination starters.	2	DEC	Vendor		85560	Assd.		3E	2		Retest	Material here.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
57-2	ECN L1112 EI-273 MCR 94 WP 1444 3299	Add trip-free protective circuit to breaker 52-U.	1	DEC	Vendor			Assd.		4E	4		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
57-10	ECN E159 WP 3311C, 3620, 3693	Add feeds to 4KV common boards A & B (biothermal research facility).	3	DEC	Vendor		83450	Assd.		4E	6		Retest	<u>COMPLETE.</u>
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
57-16	MCR-372,481 ECN L1214 WP 3100	Modify breakers failure control on all 161 & 500-KV power circuit breakers.	1	DEC/PSO DFP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
57-22	ECN L1353 MCR 430 WP 2851	Move watt-hour meter circuit to unused secondary winding of unit's pt's.	2	PSO	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
57-23	ECN L1320 MCR 432 WP 2852	Add trip cutout block in stop and intercept valve limit circuit for test purposes.	1	PSO	Vendor			Assd.		2E	3		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals Organiza- tion Date/ Document	Parts/Mat'l Status	Procedure Date	Activity Duration Number of Men/Craft	Number of Shifts	Dates: Start Est. Comp.	Special Requirements	Remarks
57-21	L1319 WP 3679 3677, 3677R 3685, 3568 3577	Replace electrical penetrations EA & EF. Add penetration EG for prompt relief trip and CAD systems.	1	DEC	Vendor DED Site	Regn. 86-19	Assd. Prepd. Appd.	8 Ass'd	15		Retest SWP Clear	Will break primary containment. See NERP item 77. EA & EF on site. EG due.
57-27	MCR 557 L1469	Install power supply avail indication lights 4KV SD boards.	3	DEC	Vendor DED Site		Assd. Prepd. Appd.				Retest SWP Clear	
57-28	MCR 647 WP 3506	Make changes to generator bus duct cooling fan discharge plenum.	2	BFNP/Cox	Vendor DED Site		Assd. Prepd. Appd.			9/29	Retest SWP Clear	See item 411 & 576A. COMPLETE
57-12	MCR 327	Change hinges to right side of door on panel 25-44B-12.	3	DEC	Vendor DED Site		Assd. Prepd. Appd.				Retest SWP Clear	FDDR required.
57-24	MCR 501	Install 120V AC outlets to panels 9-2, 10, 11, 12, 13, & 14.	3	DEC	Vendor DED Site		Assd. Prepd. Appd.				Retest SWP Clear	
57-25	MCR 548 L1451 WP 3768	Use existing spare contacts to provide input signal to sequential events recorder.	3	DEC	Vendor DED Site		Assd. Prepd. Appd.				Retest SWP Clear	

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					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts			
57-30	ERL-442	Provide multiple temp. alarm settings for TA-56-1 by modifying alarm circuits for TR-56-1, 2, 3 and regrouping the incoming thermocouples to each recorder for alarm setpoints.	3		Vendor			Assd.					Retest	
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
					Vendor			Assd.					Retest	
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
57-31	ERL-234R1 Ref. M9A M185 MCR 616	Add changes to annunciation windows which were omitted on original FDDR ERL-234 RO.	3		Vendor			Assd.					Retest	
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
57-3		Replacement parts for 50 FT pairs HDO switchgear	2		Vendor			Assd.					Retest	
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
57-6	ECN 1E108	Add main transformer 1 diff. relays suppression neonlight and minor changes.	2		Vendor			Assd.					Retest	
					DED			Prepd.				SWP		
					Site			Appd.				Clear		
57-26		Replace operators on Cutler-Hammer 10250T-3 Position selector switches.			Vendor			Assd.					Retest	
					DED			Prepd.				SWP		
					Site			Appd.				Clear		

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
57-7	ECN LL059	Add cables 3V2312 & 3V2321 to conduit LV2713. These cables terminate at 480V reactor MOV Bd 1C in unit 1 area	1	DEC	Vendor			Assd.				Retest	ECN LL059 COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
63-2	L1140 MCR 173 WP 2954	Reroute SIC pump lines to prevent relief valve malfunction. Valve 63-512, 513.	2	DEC/Robinson	Vendor			Assd.		3F	5			Retest	<u>COMPLETE.</u>
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
63-5	L1467 WP 3501	Fabricate and install restraint R-28 on SIC system.	2	DEC	Vendor			Assd.						Retest	<u>COMPLETE.</u>
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
63-1	L1026 WP 2951	Install test connection for valve testing as required by BFNP QA manual, Part II, Section 3.2 - SIC system.	1	DEC	Vendor			Assd.		3F	2			Retest	<u>COMPLETE.</u>
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
63-3	MCR 252	Sub. the plunger packing in SIC pumps with spring loaded chevron type.	3	DPP	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
64-8	ECN IM903 ECN IM904 ECN LI251	Elect board room Emergency exhaust fans.	2	DEC	Vendor		66241 85115	Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
64-9	CR 284 LI029 3724	Install AP gauges across the HEPA filters in the reactor water and main steam sample hoods.	3	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
64-14	ER1-368 MCR 388 LI216 3930 MCR 248	Delete a drywell control air isolation signal from refueling zone. Leave it on the reactor zone isolation circuitry.	1R	DEC	Vendor		N/A	Assd.		2EL	1		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
64-13	REPJ RO & R1 MCR 411 LI272 3153	Pressure switch change primary containment purge system (DW pressure) Static "O"-ring PS 64-56E.	1	DEC/I&C GE charge	Vendor		Comp	Assd.		2F	1/2		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
64-14	ER1-391 MCR 465 WP 3400	Torus relief vacuum breaker switches - clean or replace term blocks and pot with RTV.	1	DEC	Vendor		Comp.	Assd.		2EL	1		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
64-15	ER1-042 R1 MCR 532 LI432	Change piping on rack 25-6 PS-10-100D & 5-12C.	1	DEC	Vendor		N/A	Assd.		2 fitters	1/2		Retest	These two switches are reversed on panel 25-6. <u>COMPLETE.</u>
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

WESP UNIT 1

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft		Number of Shifts		
64-1	EI94 CR 186 ERL-319 WP 3120	Secondary cont. ISO add key- lock. SW to panel 9-25. ADD ind. lamps to show when each zone is in isolation.	1	DEC/GE	Vendor			Assd.		2EL	4	Retest	Material to be supplied by TVA.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
64-10	LI080 MI67 ERL-319 MCR 95, 30 ERL-296	Addition of time delay relays in refueling zone modulating damper control circuits.	1	DEC/GE	Vendor			Assd.		See 64-1 2E	4	Retest	Material to be supplied by TVA.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
64-12	LI076 LI298 MCR 257 MCR 414 ERL-345	Install lights for primary containment reactor status. COMPLETE.	3	DEC	Vendor			Assd.				Retest	COMPLETE FDIR complete 9/24/74. Dwg. changes remain.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
64-18	L-1368 Ref. LI076	Delete cable LA2717.	2		Vendor			Assd.				Retest	COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
64-2	ECN LI178	Add test connection RB vent and SGT.	1	DEC	Vendor			Assd.				Retest	No work to perform. ECN only covers field changes left off the revised drawings.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
64-20	MCR 685 WP 3411, 3419	Install temp. duct from the temp torus exh. fan to rx bldg. ventilation exhaust fan install alarm horns to indicate loss of power.	2		Vendor			Assd.				Retest	COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

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					Organization	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
64-21	MCR 573 ERL-305	Add additional hardware required to install seismic bracing on panel 9-19.	2		Vendor			Assd.				Retest	Need safety review.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
64-22	MCR 679 L-1572 WP 3424	Change all non-aluminum conduits 1 & condulets to aluminum or some other mat'l that will not be affected by the Corrsive of the torus.	1		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
64-23	MCR 491	Replace transmitter 64-54 & 66 W/ new transmitter.	1	DEP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
64-24	L1587 MCR 739	Replace air cylinders on vacuum reliev valves.	1		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
64-25	L1580 Ref. L1029	Change device no. for pressure differential indicators at sample stations in turbine. and X-bldg.		DEP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
64-26	L1570 FMRL-009				Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
65-3	WP 2855 L1243 WP 2880 2881, 2882, 2883, 2633,	Add 3rd SGT train and building Provide access between the two buildings. WP 3554, 3832, 3675, 3557 3051, L1404	1	DEC	Vendor			Assd.				Retest	Train must be operable before unit 3 fuel loading. Need resolution of compatability of new fan with old ones (Henry Russell).
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
66-14	LI268	Add 120V AC supply to panel 25-95.	3	DEC	Vendor			Assd.				Retest	<u>COMPLETE.</u>
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
66-15	LI279 WP 3555	Install insulation on turbine building portion of off-gas additions.	1	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
66-18	MCR 480	Add tee and shutoff valve in DOP sample line for HEPA sampling.	2	DEP/BFNP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
66-21	LI429	Provide power source for panel 1-25-40 from lighting cabinet LC 153.	3	DEC	Vendor			Assd.				Retest	<u>COMPLETE.</u>
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
66-7	MCR 284 LI240 WP 3667	Remove seal-in from condensate vacuum breakers control circuits on valves PCV -66-1A and 1B.	3	DEC	Vendor			Assd.				Retest	<u>COMPLETE.</u>
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
66-2	LI1038 LI1039 LI100 M203 WP 2508	Addition of off-gas recombiner. 3640, 3703, 3367, 3386, 3387, 3391, 3601, 3614, 3273, 3513, 3516, 3621, 3622, 2668,	1	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

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OUTAGE PLANNING LIST

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
66-17	M9A WP 3350 3386, 3387, 3388, 3391, 3394, 3273,	Build and tie in off-gas building. 3731, 3640, 3862, 3389,	1	DEC	Vendor			Assd.						Retest	Has to be complete for unit 3 prior to fuel loading.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
66-10	REPI L1203 WP 3669	Provide off-gas H ₂ analyzer abnormal annunciation in control room.	1	DEC	Vendor		Comp	Assd.		2EL	1			Retest	COMPLETE. Need ECN
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
66-12	REQB L1288 WP 3277	Off-gas control panel QC check of ship short.	1	GE	Vendor			Assd.						Retest	GE engineer will check.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
66-13	254/87000	Pressure relief valve - Add orifice on discharge side of relief valve on off-gas condenser.	1	DEC	Vendor		Comp	Assd.						Retest	COMPLETE. GEA 484
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
66-1	M179 WP 3273	Revise logic to isolate SJAE on low steam pressure.	1	DEC	Vendor			Assd.		2E	2			Retest	Do in conjunction with addition of 3rd stage SJAE.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
66-16	MCR 302 L1331 WP 3392 3393, 3397, 3678,	Off-gas sampling station. Modify to allow more detailed analysis of off-gas sample.	1	I&C	Vendor			Assd.						Retest	Add 2 more sample points.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

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WORK AREA Modifications

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
66-19	ECN 1208 WP 3682 3857	Install thermowell in outlet nozzle of off-gas preheaters detailed on TVA drawings 47W405-7 & 8.	1	DEC/GE	Vendor			Assd.	2F	1		Retest	Between recombiner and heat exchanger.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
66-14	ECN M725 WP 2886, 3388,	Off-gas stack flow monitoring This requires monitoring on mini computer.	1	DEC	Vendor		84977 84978	Assd.	2IM	2		Retest	<u>COMPLETE.</u>
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
66-30	ECN E-9 M-200 3842	Add third stage to SJAE's.	1		Vendor			Assd.				Retest	WP 3763 will complete. See UL-12-1.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
66-31	ECN L1456 WP 3842, 3688	Add flow indicators to certain valves to indicate packing leakage..			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
66-32	ECN L1581	Replace fans in panel 25-97.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
66-8	ECN 1093	Revise dwgs to agree with GE P & ID 761E961 (off-gas rechar) pressure switch and sample connections.	3		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



Priority Codes:

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3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

DEPT UNIT 1
OUTAGE PLANNING LIST

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WORK AREA Modifications
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
66-18	MCR 480	Add tee with shutoff valve in three up stream D.P sample lines.	2		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
66-22	ERL-438 MCR 673 3386, 3387,	GE associated changes relating to ECN M9A on panels 9-8 & 9-20.	2		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
66-26	IL323 MCR 438	Install off-gas flow loop 66-20 to stack.	2		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
66-27	IL449	Remove hydrogen analyzer H ₂ fan -66-60 in the off-gas to stack.	1		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
66-33	IL463	Resolution of FDF regg, RFML & RHLL change range of PDT-66-114 and change range & setpoint of PDIS-66-114.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

BEFP UNIT 1

OUTAGE PLANNING LIST

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WORK AREA Modifications

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts			
67-1	ECN 11083 MCR 116 WP 2336	Replace FSV 67-50, 51 & 53 COMPLETE		DEC/Haynes	Vendor			Assd.					Retest	COMPLETE.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
67-2	MCR 635 11482 WP 3196C 3184C	Provide alternate water supply to fuel pool by fire hose from EECW header.	1	DEC/DFP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts		
68-25	ERL-399 MCR 508	Change recirc controller amps in controllers 2-184-19A & B.	1	DEC	Vendor			Assd.		1EL	1 hr.	Retest	GE material complete.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
68-24	ERL-407 MCR 525 LI426	Change 2-3-52B and D with Ashcrafts (they are Bartons now.)	2	DEC I&C	Vendor		Comp	Assd.		2EL 2 fitters	1	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
68-1	ERL-289 MCR 151	Change setpoint on recirc temp. recorder 2-3-3A & B (reactor recirc pump seals)	3	DPP/BFNP Pittman	Vendor			Assd.		1IM	1/2	Retest	DPP to notify when complete or if previously completed. MCR says <u>complete</u> .
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
68-6	ERL-263R MCR 227	Change setpoint PDIS 68-85-92 from 1.85 to 1.6 PSID.	3	DPP/GE BFNP/Pittman	Vendor			Assd.		1IM	1/2	Retest	Waiting for FDIR data sheet changes
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
68-15	RENR	Change out temporary GE CR120A type relays 23-54 A, B, C, D, with essential agastat relays which were not here when RENR was worked.	2	DEC/GE	Vendor			Assd.		2E	2	Retest	Need MCR.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
68-19	ERL-1222 R4 MCR 205	Revise wiring on relay 20-K2A in panel 9-38.	2	DEC/GE	Vendor			Assd.		2E	1	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY
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OUTAGE PLANNING LIST

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Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/ Person Responsible	Organization	Date/ Document	Parts/Nat'l Status	Procedure	Activity	Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
68-1	ERL-340 MCR 293 L1226 WP 2313	Install snubbers RHR loop selection snubbers.	3	DEC	Vendor		Comp	Assd.	2 fitters	1		Retest	Excessive noise is giving false indication on jet pump pressure differential switches.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
68-2	L1070 MCR 61 WP 2889	Provide means to vent reactor pressured vessel when vessel is filled with water.	2	J. Robinson	Vendor			Assd.	3 fitters	1		Retest	Need material.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
68-4	M586 M651 ERL-182 ERL-197	Repull 2 cables to meet separation criteria. ATWS system.	1	DEC/GE	Vendor			Assd.				Retest	FDDR's complete. 182 - 8/16/73 A7 - 1/8/74
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
68-10		Recirculation pump uncoupling device. J. E. Gilleland to Edison G. Case (DRO) letter dated 11/4/74.	3	DEC/GE	Vendor			Assd.				Retest	Committed (AEC) to install 1st outage that an approved system is available. Approved system still not avail.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
68-8	ERL-353C MCR 315	Add traps in pedestal oil lines. <u>COMPLETE</u>	1	DEC	Vendor			Assd.	2 fitters	4 hrs		Retest	Material by TVA. Will not be done 60/oil pump mod.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	<u>COMPLETE.</u>
68-5	REME Rev. 1 WP 3795	Replace flow switches (PEECO flow switches)	1	DEC/ I&C	Vendor		Comp	Assd.	2 fitters 2 EL	1		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts			
68-11	ERL-354 & Rev. 1 MCR 314 11213 WP 2309	Add interpassing relay (KIX) and add arc supp. diode	1	DEC I&C	Vendor		Comp	Assd.		2EL	1		Retest	Necessary due to removal of slave drive unit on MG sets work with 11365.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
68-29	ERL-339 WP 2309	Remove the Bailey controller slave drive from recirc MG sets.	1	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
68-22	ECN 11405 279/87000	Replace existing orifice plate (item no. 466) for operation one pump MG set fluid drive.	1	DEC/GE	Vendor			Assd.					Retest	FDI 279/87000 complete work in conjunction with FDIR ERL-339.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
68-27	ERL-415 MCR 567 11412	Reset logic change on recirc lockout relay 2A-K5A recirc MG set.	1	DEC I&C	Vendor		N/A	Assd.		2EL	1/2		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
68-21	MCR 521 WP 3011	Install flanges in inlet and outlet cooling H ₂ O lines to recirc MG sets.	2	DPP/BFNP T. A. Cox	Vendor			Assd.					Retest	COMPLETE.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
68-31		Install protection against recirculation pump missiles.	3	DEC	Vendor			Assd.					Retest	NRC commitment (Letter J. E. Gilleland to J. F. O'Leary 2-11-74).
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
68-30	L1328	Additional data sheet received after ECN signed complete by DEC. See U-1, 68-16 and 17.	3		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
68-20	MCR 384 ER1 367 L1175.	Move relays & indicating lights from plant non-preferred to unit preferred bus.	1		Vendor			Assd.				Retest	REFERENCE 57-7
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
68-28	ER1-430 MCR 632	Remove breaker interlocks between the three recirc MG sets' oil pump	2		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

BFMP UNIT 1

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals			Procedure	Activity	Duration	Dates:	Special Requirements	Remarks
					Organiza- tion	Date/ Document	Parts/Nat'l Status				Start Est. Comp.		
69-2	L1021 WP 2961	Install test connection for testing valves in reactor water cleanup system.	1	DEC	Vendor			Assd.		3F	2	Retest	<u>COMPLETE.</u>
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
69-6	MCR 391 L1329	Provide override for isolation signal from TE 69-11.	3	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
69-9	L1525 MCR 608	Add enclosure around RWCU sample station.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

DESP UNIT 1

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Item No.	Supporting Document (TR, EGN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts			
70-1	L1208 WP 2570	Change failure mode of DW blower dampers from close to "as is" at time of failure COMPLETE	3	DEC	Vendor			Assd.					Retest	COMPLETE. Complete 2/7/75 PECJR
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
70-2	L1382	RBCCW pipe restraints	3	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

DEFP UNIT 1
OUTAGE PLANNING LIST

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft		Number of Shifts		
71-1	L1022 WP 2962	Install valve leak test connection on RCIC system.	1	DEC	Vendor			Assd.		2F	3	Retest	<u>COMPLETE.</u>
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
71-3	MCR 68 ERL-265	Rotate instrument piping lines A-12 and A-13 at panel 25-7A.	1	DEC	Vendor			Assd.				Retest	<u>COMPLETE.</u>
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
71-5	L1468	Remove turbine steam ring drain piping and plug turbine connection to agree with Terry turbine co. dwg. D-6089. (Connec. C-3).	3		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY
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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
73-7	MCR 468 ERL-405 L-1360	Reset relief valve 73-574 to a valve between 75 & 150 psig. install sump pump to prevent flooding of cond. pump motor & LGV-73-8.	2	DPP	Vendor			Assd.				Retest	Need sump pump.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
73-11	ECN 11375 MCR 468 ERL 405	Install PCV 73-43 in tandem with PCV 73-41.	2	DEC	Vendor			Assd.				Retest	This is the permanent fix to the problem of blowing the head gasket on the HPCI gland seal condenser.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
73-9	ERL-366 L1430 MCR 350	HPCI stop valve modification.	1	DEC	Vendor			Assd.	2F 3M	3		Retest	Need ECN & S.R.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
73-1	L1188 MCR 118 WP 2963	Delete HPCI turbine exhaust vacuum breaker and replace 73-609 with spring-loaded check.	1	DEC	Vendor			Assd.	2F	3		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
73-3	L1025 WP 2964	Install valve leak test, test connections on HPCI system	1	DEC	Vendor			Assd.	2F	3		Retest	COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
73-5	WP 2531 ERL-361 & Rev. 1 MCR 382 MCR 419 L1358	Add RC contact protectors to Barton pressure switches 2-101A, B, C, & D 2-3-103A, B, C, & D	1	DEC	Vendor		Comp	Assd.	2EL	3		Retest	Material complete. Need before any retest DED approval. No ECN needed.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

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Item No.	Supporting Document (IR, ECR, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
73-10	ERI-398 MCR 507 WP 2877 3877	Increase HPCI inverter fuse size.	1	DEP, BFNP	Vendor		Comp	Assd.		1EL	1 hr.	Retest	Material available.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Must Be Done
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3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
74-23	L1462 WP 3343	Add restraints to RHR pump test line inside torus.	1	DEC	Vendor			Assd.				Retest	<u>COMPLETE.</u>
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
74-24	MCR 669 WP 3346	Install test connections between RHR containment spray valves.	1	DPP/Chatt.	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
74-9	MCR 338 ERL-351	Replace the lower outside head flange gaskets on RHR heat exchanger.	3	DPP/Chatt.	Vendor			Assd.				Retest	Do as maintenance requires.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
74-17	MCR 346 L1383	Install an isolation valve for FCV-74-46.	3	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
74-20	MCR 427 L1394 ERL-365 WP 3644	Revise welds at junction of adapter plate and yoke arms FCV (74-58 & 72).	1	DPP/Chatt.	Vendor			Assd.		6/10		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
74-21	L1473 3895	Install new throttling disc on FCV-74 and 66.	1	DPP	Vendor			Assd.		10/10		Retest	Do one valve, then the other if successful New plug due ship 9/15. Plug failed impact 1/1/76. DED investigate.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

DESP UNIT 1

OUTAGE PLANNING LIST

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WORK AREA Modifications

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp. o.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft				
74-7	L1215 MCR 423 ERI-166 R2	Modify RHR minimum flow logic to conform to U-2. COMPLETE		DEC/GE	Vendor			Assd.		1EL	1 hr.	Retest	COMPLETE. Complete 2/14/75 per JR
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
74-16	M189	Add isolation and test connection on suction side of RHR drain pump 74-763A & P, 74-764A &	1	DEC	Vendor			Assd.		4F	6	Retest	COMPLETE. Must be done while torus is drained.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
74-6	ECN L1166 DDN 188 WP 3902	480V reactor MOV bds - replace 120V AC coil of size 3 starters with its disposition attached.	1	DEC	Vendor			Assd.				Retest	Valve 74-52 failed to open from local station.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
74-12	ECN L1318 WP 2781 MCR 462 MCR 445	Vlvs 74-713A & B and 74-714A & B. Remove from valves FCV 74-57 & FCV 74-71 & plug holes	1	DPP	Vendor			Assd.		3F	2	Retest	COMPLETE. 1 valve is already fixed. DPP to supply plugs.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
74-13	ECN L1344 WP 2566	Install valves, tees, piping and equipment to run vibration tests on RHR complete per ECN after tests are completed.	2	DEC	Vendor			Assd.		3F	2	Retest	COMPLETE. Received verbal approval from Howard Samples to complete. All vibration tests are complete.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
74-2	L1023 WP 2965	Install valve leakage test connection on RHR system.	1	DEC	Vendor			Assd.		3F	4	Retest	COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1
OUTAGE PLANNING LIST

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WORK AREA Modifications
Page 60

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document			Date	Number of Men/Craft	Number of Shifts			
74-14	ERL 404 MCR 470 L1377 MCR 442 WP 2993	Provide schedule 160 pipe to join RHR pump discharge to cyclone separator supply line.	1	DEC	Vendor			Assd.		3F	2		Retest	B & D complete.
					DED			Prepd.					SNP	
					Site			Appd.					Clear	
74-18	ERL-389 MCR 471 L1339	Changes to suppression pool vent header contacts. RHR contact change.	1	DEC	Vendor		N/A	Assd.		2EL	1/2		Retest	Doesn't meet separator criteria.
					DED			Prepd.					SNP	
					Site			Appd.					Clear	
74-15	MCR 513 L1386 WP 2764 2531	Install unions in EECW lines to RHR pump seal coolers and clean coolers.	2	BFNP	Vendor			Assd.					Retest	Try to get MCR changed to also install isolation valves. COMPLETE
					DED			Prepd.					SNP	
					Site			Appd.					Clear	
74-5	CR 223 ECN M211 WP 2977 WP 2531	Add RHR drain pump discharge isolation valves for maint. purposes.	3	DEC	Vendor		Not avail. 4/8/75	Assd.		4F	7		Retest	
					DED			Prepd.					SNP	
					Site			Appd.					Clear	
74-11	MCR 444 MCR 427 L1316 ERL-365 L1374	Provide spring hanger to support dead weight of 74-58 & 74-72 valve operators. WP 3645	1	DFP/Chatt.	Vendor			Assd.		3F	4		Retest	COMPLETE
					DED			Prepd.					SNP	
					Site			Appd.					Clear	
74-25	ERL-429 & R1	TVA requested changes to RHR	3		Vendor			Assd.					Retest	
					DED			Prepd.					SNP	
					Site			Appd.					Clear	



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3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY
BENT UNIT 1
OUTAGE PLANNING LIST

REV General DATE 1/20/76

WORK AREA Modifications
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. of Comp.	Special Requirements	Remarks
					Organization	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
74-26	L1541	Install LPCI fix in U-1.	1		Vendor			Assd.				Retest	Trying to get NRC approval by 11/15/75.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
74-27	L1599 WP 3907 3431	Install braces to RHR pump testline restrains.	1		Vendor			Assd.				Retest	COMPLETE.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
74-10	MCR 443	Stiffen valve installation on vents drains & test connections so that natural freq. of system is above 50 Hz.	1		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
74-19	ECN 19001 WP 3081	Support bonnet vent & test conn. on FCV 74-52, 53, 66 & 67.	1		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
74-22	L1526	Pertains to structural damage to RHR piping supports restraint R16 & cross tie sleeve & re-route of 2" vent.	2		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

RRFP UNIT 1
OUTAGE PLANNING LIST

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WORK AREA Modifications
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
75-6	L1470 WP 3580 3824	Install mirror insulation on CSS, RHR head spray, and CRD return lines.	2	DEC	Vendor			Assd.				Retest	R. H. Dunham to E. F. Thomas memo dated 10/24/74, and reply dated 11/8/74.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
75-5	ECN L1345 WP 2567	Install valves, tees, piping, and equipment to run vibration tests on CS complete per ECN after tests are completed.	2	DEC	Vendor			Assd.	2F	2		Retest	Received verbal OK from H. S. to complete ECN 4/4/75. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
75-7	MCR 634 ERL-432 WP 3519	Wiring change to panels 9-32 and 9-33.	2	DEC	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
75-8	L1455 WP 3342	Add orifice & restraint on CS discharge in torus.	1	DEC	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
75-1	L1024 WP 2967	Install valve leak test connections for core spray system.	1	DEC	Vendor			Assd.	3F	3		Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
75-4	L1388 WP 3402	Inspect and repair core spray torus suction valves 1-FCV 75-1 and -29. Check RHR, HPCI, and RCIC valves.	1	DEC	Vendor			Assd.	5F 4M	10		Retest	Torus must be drained. Need MCR and ECN. See J. E. Gilleland to Donald P. Knute (DRO) dated 7/26/74. J. Robinson has ordered necessary material. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals			Procedure	Activity	Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document	Parts/Nat'l Status						
76-5	ECN L1422 MCR 527	Move the continuous air monitors from elev. 565' to 593'. Locate moisture trap in the sample line at the lowest point.	1	DEC	Vendor			Assd.		2F 2E	2	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
76-1	M547 WP 3228, 3361, 3699, 3531, 3699	Install containment atmosphere monitoring system.	1	DEC I&C	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
76-3	ECN L1369 MCR 347	Provide a licensable operable sensing system for the interim drywell O ₂ analyzer.	2	DEC	Vendor			Assd.		3F 2E	20	Retest	When U1-76-11S completed, this item will be voided.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
76-6	MCR 599 L1540 3824	Add valve FCV 76-24 to those listed in DEFP C/R #262 (change circuit on vlv so it can be opened with mode switch in run mode.)	1		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
76-7	L1590 3430C	Add seismic mounting brackets for H ₂ & O ₂ analyzers in torus.	1		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
76-8	L1584 WP 3435	Provide prim. containment penetration for H ₂ & O ₂ sensor of CAM system.	1		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Natl Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organization	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.			
77-10	MCR 117 ECN 11105 WP 3783	Provide means of draining oil from floor drain waste collectors and waste surge tank.	3	DEC	Vendor			Assd.		3F	3		Retest		
					DED			Prepd.					SWP		
					Site			Appd.					Clear		
77-17	MCR 433 ECN 11322 WP 3500	Install line and hand valve on each floor drain, waste and waste surge pumps.	3	DEC	Vendor			Assd.		3F	3		Retest	COMPLETE	
					DED			Prepd.					SWP		
					Site			Appd.					Clear		
77-18	MCR 436 ECN 11338 WP 3170	Install a hand valve on the condensate backwash line to the waste demin. 6" CS line throttling type valve rad-waste demineralizer.	2	DEC	Vendor			Assd.		3F	3		Retest	COMPLETE	
					DED			Prepd.					SWP		
					Site			Appd.					Clear		
77-2	ECN M210	Cask decontamination facility. Supply steam from auxiliary boiler.	3	DEC	Vendor			Assd.					Retest	Need to complete prior to unit 1 refueling.	
					DED			Prepd.					SWP		
					Site			Appd.					Clear		
77-4	ECN 1009 MCR 18 CR 289	Replace PHT 77-44 & -88 0-100 PSID should be 0-40 PSID Radwaste AP gauge.	3	DEC	Vendor		74869	Assd.		2IM 2F 2E	2		Retest		
					DED			Prepd.					SWP		
					Site			Appd.					Clear		
77-7	CR 238 WP 3246	Fuel assembly shipping containers.	3	DEC	Vendor			Assd.					Retest		
					DED			Prepd.					SWP		
					Site			Appd.					Clear		



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TENNESSEE VALLEY AUTHORITY

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
77-22	MCR 606 LL494	Provide shielding for 6" floor drain to lower dose rate.	2	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
77-1	M31A ERL-230 WP 3347, 3284, 3574, 3854, 3877	Addition of radwaste evaporator building.	3	DEC.	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
77-15	MCR 240 LL209 WP 3563, 3917 3702	Add second sump pump in cond. pipe tunnel.	3	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
77-6	MCR 192 ECN LL168 MCR 249 WP 3079	Install 3/4" drain from vac. tank except drain waste packaging drain tank. Includes vac. tank vent.	3	DEC	Vendor			Assd.		3F	4	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
77-8	MCR 281 ECN LL257 WP 2978	Provide means of unstopping condensate and waste phase separator educator.	2	DEC	Vendor			Assd.		3F	3	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
77-9	MCR 104 LL090	Install isolation valve in floor drain sample tanks 3" discharge line.	2	DEC	Vendor			Assd.		3F	2	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

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					Organiza-tion	Date/Document			Date	Number of Men/Craft	Number of Shifts		
77-20	ECN L1403	Add pressure indicators to strainers in FD and waste systems.	2	DEC	Vendor			Assd.		2F	2	Retest	Strainers were added by MCR 281 work with ECN L1257 (UL-77-8).
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
77-19	ERL-377 MCR 456	Relocate flow integrators panel 9-4.	3	DEC	Vendor			Assd.		1EL	1/2	Retest	TVA to supply material. May be complete.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
77-13	MCR 58 ECN L1042 WP 3593	Move vacuum line and add stand pipe (solid radwaste).	3	DEC	Vendor			Assd.		2F	2	Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
77-14	MCR 259 L1263 3868 5028	Addition of continuous turbidity monitoring for water and floor drain filter effluents.	1	I&C	Vendor			Assd.		2E 1IM	3	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
77-21	ERL-397 MCR 485	Change switch on 25-17.	3	DEC	Vendor			Assd.		2EL	1/2	Retest	TVA to furnish material.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
77-11	ERL-383 MCR 630 WP 3818 3874	Solid radwaste packaging level transmitter changes. Item 77-12 is worked on this FDDR.	3	DEC I&C	Vendor			Assd.		2EL	1	Retest	TVA to furnish material.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
77-23	MCR 751 3926	Connect audible alarm to LIS-77-1B, relay no. 1, setpoint contact		DPP/BFNP	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
77-24	MCR 553 IL545	Add throttle valve to regulate drywell FD and equipment sump pump FD and equipment sump flow rates per Design condition in order to determine excessive leakage in drywell.			Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
78-2	ERL-277 RO & RI MCR 207	Annunciator alarm contacts - fuel pool seal leakage FIS-19-64.	3	DEC	Vendor			Assd.	1EL	1 hr		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
78-3	ECN M21 REN C WP 3097	Change hanger size on H-1, H-2, H-6, H-7, H-14, H-15, H-19, & H-20. COMPLETE	1	DEC	Vendor			Assd.	7F	5		Retest	Fuel pool hangers seismic qualification. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
78-4	11458 WP 3237	Change high level alarm switches on fuel pool.	1	DPP/BFNP	Vendor			Assd.				Retest	COMPLETE per Ausie Clement
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts			
79-12	MCR 643 SIL 56 WP 5002	Modify the depth indicator on the refueling platform.	1	DPP/BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
79-14	MCR 642 WP 5001	Modify the refueling platform counter and main drive shaft sprockets. DPM BF73M18.	1	DPP/BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
79-1	ECN L1063 CR 254 WP 3844	Dryer separator storage pool. Add watertight barrier in dryer separator storage pool. Modify shield plug handles.	1	DEC	Vendor			Assd.					Retest	Needs to be done before refueling. Need material.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
79-4	269/87000 MCR 348 WP 2727	Refueling platform air hose reel mod and guide bracket.	1	DEC	Vendor			Assd.			2/8		Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
79-3	263/87000 MCR 290 WP 2726	Refueling platform fuel grapple. Strengthen fuel grapple sections.	1	DEC	Vendor			Assd.		2IM 2M	5		Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
79-16	MCR 650	Refueling platform modifications 1 per DPM BF7305.	1	DEC/BFNP	Vendor			Assd.					Retest	GE letter OER 1016.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
79-6	SIL 109 MCR 598 3860	Provide positive indication for engagement of refueling platform grapple.	1	BFNP	Vendor			Assd.				Retest	Drawings and material being prepared by San Jose - Heebner.
					DED			Prepd.				SWP	Material to ship 10/24.
					Site			Appd.				Clear	
79-11	SIL 120 MCR 602	Drill and install pin in lock nut on mast hoisting cable.	1	BFNP	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
79-8	SIL 125 MCR 640	Install grapple hook locking tag. COMPLETE		BFNP	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
79-5	SIL 119 MCR 604	Modify refueling platform fuel grapple manual release bail COMPLETE		BFNP	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
79-13	SIL 122 MCR 638 WP 5000	Make modification to refueling platform to ensure alignment.	1	BFNP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
79-18	MCR 663	Install filters in the air supply to refuel platform hoists and grapple.	1	DPP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
				BFNP	Site			Appd.				Clear	

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79-17	MCR 680 ERL-447	Modify the dryer/separator sling to give additional clearance.	1	DPP/Chatt. G. L. Wimberly	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	
79-19	LL146	Fuel cast trailer towing winch to suit existing concrete and steel supports.	2		Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	
79-20	MCR 731 WP 3968	Plug existing 129 bypass low holes in bottom core plate.		DPP BFNP	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	
					Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	
					Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	
					Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft		Start Est. Comp.	Number of Shifts	
80-4	ER1-421 MCR 588	Add pulse relay to TR-80-1.	3	DEC I&C	Vendor			Assd.		1TM	1/2	Retest	GE material complete
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
80-5	L1443	Increase fan blade pitch angle on drywell blowers.	2	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
80-6	L1474 WP 3798	Add seismic restraints to drywell ventilation ducts.	1	DEC	Vendor			Assd.				Retest	Receive drawings 9/22 same as 64-19
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
80-7	ER1-441	Remove excess wires from panel 9-3.	2		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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					Organization	Date/Document			Date	Number of Men/Craft	Number of Shifts			
82-6	L1312 MCR 413 WP 2968	Modify diesel generator air start supply piping. Install oil reservoir with sight glass	1	DEC	Vendor			Assd.		3F	3		Retest	can't add oil now with DG running.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
82-3	MCR 288 ECN L1185 WP 2055	Install blow off valves in air supply lines on DG units to eliminate starting difficulties.	1	DEC	Vendor			Assd.					Retest	Eliminate rust accumulations
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
82-1	CR 243 L1095 WP 2979	Mod DG air start air compressor discharge piping to allow for maintenance.	1	DEC/Wiser	Vendor			Assd.		3F	4		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
82-5	L1241 WP 2966	Diesel generator air start system modifications.	1	DEC	Vendor			Assd.		3F	3		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
82-8	ER1-436	Remove name plates on Diesel generator main control board panels 5 & 8.	2		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
82-9	L1511	Add a manual start switch to fuel oil transfer pump #1 to allow manual operability checking.	2		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
82-10	L1520 WP 3879. 3987 & 5055	Install cables and change circuits (if ness.) to allow paralleling of diesel generators A-3A, B-3B, C-3C, D-3D, for long term D.G. use.	2		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
84-1	M408 WP 3261, 3368, 3714, 3769, 3430, 3948, 3980	Install CAD system liquid N ₂ storage tanks. Also install concrete foundation seismic qualif. I.	1	DEC	Vendor			Assd.	5F 3E	20		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
84-2	L1187 MCR 221 MCR 421 REPL ERL-328	Install CAD/CAM system. WP 3861	1	DEC/GE	Vendor			Assd.	5F 4E	20		Retest	Required prior to startup after refueling outage. See FSAR P5.2 - 15C
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
85-7	LI269 MCR 186 ERL-358 WP 2316 WP 2254	Add scram solenoid lights to panel 9-5 in control room COMPLETE		DEC/GE	Vendor			Assd.				Retest	Complete 2/24/75 per JR. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
85-9	LI180 REFR RHKW RFIR	Add capacitor to rod sequence control system to prevent oscillation. COMPLETE		DEC/GE	Vendor			Assd.				Retest	Complete 6/24/74. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
85-10	ERL-373	Change flow bias rod block and scram line.	1	DPP/GE I&C BFNP	Vendor			Assd.				Retest	Need MCR and ECN. FDIR will be changed or canceled. Paperwork change only.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
85-11	LI1301 MCR 458 REPY	Modify rodworth minimizer hardware to make compatible with rod sequence control system.	1	DPP/GE I&C BFNP	Vendor		Comp	Assd.		1EL	1	Retest	Work with group notch control. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
85-12	LI299 MCR 323 MCR 324 WP 2971	Move scram pilot air header filters to inlet side of pressure regulators. Install pressure gauge between filters and regulators.	1	DEC I&C BFNP	Vendor			Assd.		2F	2	Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
85-13	MCR 454 ERL-386 WP 3737 5058	Modification to prevent a group from getting out of step RMCS.	1	DPP/GE DEC	Vendor		N/A	Assd.				Retest	Work with group notch control. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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					Organization	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
85-14	MCR 139 L1120	Additional instrumentation for RSCS.	3	DEC	Vendor			Assd.				Retest	Work completed.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
85-15	MCR 547 WP 3062	Install ladder for access to CRD polar platform under reactor vessel.	3	DPP/BFNP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
85-16	ER1-433 REQH L1452	Add contact to panel 9-28	2	DEC	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
85-17	REQK L1481 REFX L1281 WP 3180 WP 5058	Remove "C" group from RSCS	1	DEC	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
85-20	L1472 WP 3819	Add identical instrumentation to bypass line on scram air supply	2	DEC	Vendor			Assd.				Retest	COMPLETE See U-1 85-12.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
85-18	MCR 555 L1437 WP 3772	Use spare contacts for input to computer for digital input monitoring RPS system.	3	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
85-19	REQE L1391	RPIS cab. Looks on bypass switches	3	DEC	Vendor			Assd.		2EL	1	Retest	GE material complete. Work with rod notch.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
85-1	ER1-184 R2 MCR 132 WP 3865 5058	Std. rod seq. malfunction logic. Work with rod notch.	1	DEC/GE I&C	Vendor		N/A	Assd.				Retest	DED approved no ECN COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
85-2	233/87000	Replace temporary CRD throttling valve	3	DEC/GE	Vendor			Assd.				Retest	DEP to determine if valve is needed. If so, need MCR and ECN. Temporary valve may be satisfactory.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
85-3	L1020 WP 3530	Install valve leak test connection on CRD system	1	DEC	Vendor			Assd.		3F	3	Retest	Need FDIR to correct P & FD COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
85-5	WP 3138 ECN L1191 L1200, L1218 MCR 270, 276, 385, 457, 370	Install new rod sequence control system employing group notch concept	1	DEC/GE	Vendor			Assd.		2EL	45	Retest	REPV approximately 6 weeks-2 weeks to test. RPIS has to be operable for test. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
	REFU, REPT, REPX, REFY, ER1-1841 & R1, MCR 311, WP 3138 WP 3139, 3754, 3755 WP 5058				Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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					Organiza-tion	Date/Document			Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	
85-22	MCR 659	Install AP gauge across suction filters on CRD pumps.	3	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
85-21	L1452 WP 3553 5058	Add K62 relay. To go voltage monitor circuit.	2		Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
85-23	ER1-454	Increase conductor size to decrease voltage drop on wiring for 5VDC supply to rod sequence controls to prevent erratic operation.	1		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
85-24	MCR 694 3750	Modify CRD service platform per DPM BF74M6.	2	DPP/BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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					Organization	Date/Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
90-13	MCR 393	Add loud, unique sounding audible alarm to channel 98-23 at the field alarm unit.	2		Vendor				Assd.					Retest	
					DED				Prepd.					SWP	
					Site				Appd.					Clear	
90-26	FMR 1-012	Hand switch 17A- s10 & s11 modify wiring in panel 9-53.			Vendor				Assd.					Retest	
					DED				Prepd.					SWP	
					Site				Appd.					Clear	
90-6	ERI-270 C R1 & R2 MCR 200 MCR 261	Flow control trip reference card. COMPLETE		DEC GE - Herz I&C	Vendor				Assd.					Retest	See G. Campbell. COMPLETE
					DED				Prepd.					SWP	
					Site				Appd.					Clear	
90-10	REFW L1237	Area and process radiation monitor system - adds capacities to sensor/converter.	3	DEC/DPF I&C BFNP	Vendor		Comp		Assd.		2IM	4		Retest	
					DED				Prepd.					SWP	
					Site				Appd.					Clear	
90-11	REFF MCR 275	Ckt. change to power range monitoring. Add relay to + 20V DC power supply APRM cabinet.	3	DEC GE - Herz I&C	Vendor		Comp		Assd.		2E 1IM	3		Retest	GE charge GEA 544.
					DED				Prepd.					SWP	
					Site				Appd.					Clear	
90-12	REQA MCR 403 L1289	Increase lamp life of 16 LPRM prot. lamp	3	DEC/GE Herz I&C	Vendor		Comp		Assd.		1E 1IM	1/2		Retest	DPM No. BF74E20
					DED				Prepd.					SWP	
					Site				Appd.					Clear	

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					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts			
90-14	ECN L1300 MCR 379	Add slave chart recorder for drywell air monitor.	2	DEC/Anderson	Vendor			Assd.		2IM	1		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
90-19	MCR 612 WP 3076	Fabricate access holes in NMS circuit cards (has local approval).	2	DEP/BFNP	Vendor			Assd.		2IM	5		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
90-8	IN 23 Rev. 3 WP 3304, 3556, 3611	Add purge to flow element FE 90-271 in off-gas stack	1	DEC	Vendor			Assd.		2F 2E	4		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
90-22	ERL-414 MCR 565 M31A	Add sensor/converter to evap. building RE-90-42.	3	DEC I&C	Vendor			Assd.		2E 2IM	2		Retest	Material by TVA
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
90-3	ECN L1174 MCR 216 WP 2299	Area radiation monitor (add resistors)	3	I&C	Vendor			Assd.		2E	2		Retest	TVA request - more information needed for FDDR. COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
90-16	ERL-384 MCR 474 L1389	Annunciator panel - stack gas sample flow abnormal	3	DEC I&C	Vendor		N/A	Assd.		2EL	1/2		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
90-5	MCR 237 MCR 236 ERL-382 SIL 48	Off-gas log rad. mon. change R82 from 150K to 480K ohms	1	DFP/DEC Anderson	Vendor			Assd.		1IM	1/2			Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
90-7	MCR 54	CAM - replace moving particulate filter ass'y with fixed ass'y to min. monitor in leakage. Mfg. by MMC		DFP/BFNP Anderson	Vendor			Assd.						Retest	Completed per GRA
					DED			Prepd.						SWP	COMPLETE
					Site			Appd.						Clear	
90-8	ECN IM623 WP 3556 3304	Add mini computer controlled radiation monitoring system to furnish hourly readout of release rate.	1	DEC/DFP Ferguson	Vendor		84374 85584	Assd.		4E 4IM	30			Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
90-9	ECN LL273 MCR 337	Drywell leak detection - Provide heating element & insulate the three lead shielded chambers on drywell CAM's RM 90-256.	3	DEC/DFP Anderson	Vendor			Assd.		2E	2			Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
90-1	M627 LL056 ERL-357 REKA R0, R1, R2, R3, R4, MCR 629 WP 3273C, 3716, 3759	Disposition of FDI's associated with ECN M9A. Off-gas additions.	1	DEC/GE	Vendor		Comp	Assd.		2EL	4			Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
90-2	M54 WP 3273C	Add off-gas panel 25-95 to radiation monitoring system.	1	DEC I&C	Vendor			Assd.		4F 5E	6			Retest	COMPLETE.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts			
90-18	MCR 558 WP 2956	Relocate RE 90-22 COMPLETE	1	DPP/BFNP	Vendor			Assd.					Retest	COMPLETE Use DEC craft.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
90-20	MCR 550	Install a continuous air monitor in off-gas room in turbine building.	2	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
90-25	MCR 667	Install PCV in off-gas radiation monitoring system (between PC-90-274 & 277)	3	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
90-24	ER1-422 MCR 617 IL357 3743	Locate pressure transducer 16-48A & B on Pnls 25-5-001 & 25-6-001. Instead of mounting them locally.	3		Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
90-15	REQC ER1-422 MCR 473 IL357 WP 3743	CAM system. Relocate transmitters. Relocate press. transmitters related to REQC.	1	DEC I&C	Vendor			Assd.		2EL 2 Fitters	1 2		Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts			
92-2	MCR 619 ER2-368 SIL 49	TIP ball valve modification FDDR ERL-213 RI.	1	DEC/DPP	Vendor			Assd.		2E	1		Retest	To NGB on 4/22/75.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
92-8	MCR 569 WP 3063	Modify TIP drive mechanism cabinet.	2	DPP/BFNP	Vendor			Assd.					Retest	Field Work Completed. COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
92-10	ERL-416 MCR 560	TIP DCU lamp dimmers	3	DEC I&C	Vendor		Comp	Assd.		2IM	1		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
92-11	ER2-425 MCR 618	WRM (MSV) amp attenuator modification.	1	DPP/BFNP I&C	Vendor			Assd.		2IM	1		Retest	Material available.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
92-13	ERL-420 MCR 589	Ion chamber power supply modification.	2	DPP I&C BFNP	Vendor			Assd.		2IM	1/2		Retest	Material available. DPM No. BF74RI4
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts		
92-12	ERL-419 MCR 572	SRM & IRM drive adapters	1	DPP/BFNP I&C	Vendor		2	Assd.		2IM	3	Retest	GE material complete.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
92-14	ERL-299 R1 MCR 165 R1	Add shielding beads to transistor O ₂ to reduce oscillation on IRM's.	2	DPP/BFNP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
92-16	REQP	Modification to the WRM test fixture.	3	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
92-17	ERL-440	Install capacitor in the IRM voltage preamp.	3	DPP DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
92-6	REFP REV. 2 MCR 77C MCR 143C MCR 489	Modify flux amplifier board and flux probing monitor in TIP drive control. L1347, L1084	1	DPP/DEC GE - Herz I&C	Vendor		Comp	Assd.		2IM	1	Retest	Material complete Blankenship
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
92-7	ERL-392 MCR 590	Install capacitors on TIP computer board	3	DPP/DEC GE - Herz I&C	Vendor			Assd.		2IM	1	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Number of Comp.			
92-3	MCR 260 FDI REPK	SRM/IRM HV INOP modifications (need MCR).	2	DPP/BFNP	Vendor			Assd.		2IM	1		Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
92-15	MCR 628 ERL-431	Change resistors on TIP drive system.	2	DEC	Vendor			Assd.					Retest	Need MCR approval Not needed for restart
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
92-18	BF74E3 SIL 16 & 49	TIP system change, replace mechanical limit switch on chamber shield W/Proximity detector.	2	DPP	Vendor			Assd.					Retest	Associated with 1-92-2
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
92-19	ERL-435 MCR 654	Install 3-30 MIL spacers between TIP ball valve solenoid rotor and spacers.	2	DEC	Vendor			Assd.					Retest	Not needed for restart
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
92-20	LL523 MCR 675	Change penetration connection for SRM CH b signal cable INW 17-1B from BC 30B & B30 - 25B & B25.	2	DPP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
92-21	FMRI-002	TIP Chamber shield guide tube replacement replace slotted guide tubing W/ a non-slotted.		DEC	Vendor			Assd.					Retest	Associated with 1-92-2
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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					Organization	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
92-5	C/R 145	Power range neutral monitoring install test jacks on output FQ 68-5 & FQ 68-81.	2		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
92-22	FDI-REQO	Install & connect the hardware necessary to replace the mechanical unit switch on the chamber shield with a proximity detector.	2	DEC	Vendor			Assd.						Retest	Associated with 1-92-2
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp. p.p.				
111-6	MCR 617 ER2-359	Relocate transmitters on pnl. 25-5-001 and 25-6-001 FDDR ER1-422.	3	DEC	Vendor			Assd.		2E 2F 2IM	2		Retest		
					DED			Prepd.					SWP		
					Site			Appd.					Clear		
111-6	MCR 613	Modify monorails over RV 1-4 & 1-5 (has local approval). COMPLETE		DEC	Vendor			Assd.					Retest		COMPLETE
					DED			Prepd.					SWP		
					Site			Appd.					Clear		
111-2	ECN 11049 CR 282 WP 1828 3305	Install electric hoists over condensate demineralizers	3	DEC	Vendor		85411 85401 85530	Assd.		3M 2E	2		Retest		
					DED			Prepd.					SWP		
					Site			Appd.					Clear		
111-1	ECN M72 C	Add equipment to CRD repair room COMPLETE		DEC	Vendor			Assd.					Retest		COMPLETE
					DED			Prepd.					SWP		
					Site			Appd.					Clear		
111-3	CR 102 MCR 158 ECN C13 WP 3382	Jib crane for handling CRD	1	DEC	Vendor			Assd.		2M 3I	3		Retest		COMPLETE
					DED			Prepd.					SWP		
					Site			Appd.					Clear		
111-4	WP 2337	RB crane 85% complete COMPLETE		DEC	Vendor			Assd.					Retest		COMPLETE
					DED			Prepd.					SWP		
					Site			Appd.					Clear		

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					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts			
111-5	DPP CR 299	Add 5 light fixtures in CRD repair room @ elev. 621.	2		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
111-7	11509	Revise wiring to remove 480V from 180 ton turbine bldg crane controls.			Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



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					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
202-1	ECN 11141 WP 2376 3694	Addition of HDO Switch Gear to existing unit and common boards.	2	DEC	Vendor		85535	Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	



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WORK AREA Modifications
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
210-1	L1376 WP 3811	Install lockout bus tieboard breaker.	1	DEC	Vendor			Assd.				Retest	Must be installed before unit 3 can be brought on the line.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

REV General DATE 1/20/76

WORK AREA Modifications

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
244-2	11327 3880	Install speakers & repeat coils 3 in paging system.	3		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
244-4	MCR 479	Add telephone near panels: 25-115, 25-56, 25-5, 25-6.	3		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

DESP UNIT 1

OUTAGE PLANNING LIST

REV General DATE 1/20/76

WORK AREA Modifications

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.			
247-1	LL254	Revision of lighting circuits for unit control boards.	3	DEC	Vendor			Assd.						Retest	
247-3	LL414				DED			Prepd.						SWP	
	3345				Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

BFSP UNIT 1

OUTAGE PLANNING LIST

REV General DATE 1/20/76

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts			
255-1	ECN E193	Installation of teletype printer jacks for load schedule printout to ammun.	2		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

BEPP UNIT 1

OUTAGE PLANNING LIST

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
257-1	REQI 11480 WP 3866	Replace mode switch panel 9-5 COMPLETE	1	DEC	Vendor		5/1/7	Assd.		2EL	3	Retest	GE material. Retest required. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

DEFP UNIT 1

OUTAGE PLANNING LIST

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
261-8	REQF L1364 MCR 488	Change computer program	1	I&C	Vendor			Assd.	1 engr.	2		Retest	Joe Ferguson
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
261-6	ER1-122 Rev. 5 MCR 205 MCR 203	Remove shield grounds from 9-38 and add on computer end. See item 68-19	3	DEC I&C	Vendor		N/A	Assd.	1EL	1 hr.		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
261-1	MCR 103 L1061	Provide a 115V source to the alternating line frequency source on the process computer.	3	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
261-7	L1356	Revise computer inputs. from FP-1-117 and 120	3	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
261-9	L1440	FDL to improve the calculations 2 of PCIOMR data by the process computer.	2	I&C	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LYST

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
266-1	L1286	Revise feeder circuit to 480V control bay vent board A.	3	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

BFEP UNIT 1

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
268-1	11166	Replace 120V AC coil of size 3 starters in 480V FMOV, 480V TMOV and 480V DSL Aux. Boards W/480V AC coils & Aux. relays.	3		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

DEEP UNIT 1
OUTAGE PLANNING LIST

REV General DATE 1/20/76

WORK AREA Modifications
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Item No.	Supporting Document (IR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
283-1	ERL-379 & Rev. 1 MCR 439 MCR 439 R1 WP 3660	Modify and install filter in 240 battery charger	3	DEC	Vendor		Comp	Assd.	2EL	2		Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
327-1	C23A	Flood Control	2		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
400-3	MCR 193 ECN L1147C WP 5031 3909	Install locked door rad. type 2. Entry to RWCU transfer pump room and backwash receiving tank room to rad type 3.	3	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
400-1	MCR 110 L1172 L1119 comp WP 2970 3642, 3890	Add concrete shield walls outside penetrations X28 & X-29	1	DEC	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
400-9	MCR 402 275/87000 184/87000-1 WP 2969	Modify primary containment penetration X46 and 150A for radiation sensors. Part of CAM/CAD.	1	DEC	Vendor		Comp	Assd.		.4F	10	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
400-10	L1330	Move rolling ball contactor from hinge side to top of door.	3	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
400-11	I9005	Core drill floor in fire area for concrete analysis.	1	DEC/DPP	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
400-2	ECN L1151 ECN C37	Control bay - mod. elev. 617 floor slab for installation of instrumentation pnls.	1	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

BNFP UNIT 1

OUTAGE PLANNING LIST

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WORK AREA Modifications

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
400-6	ECN 1035 IL1372 WP 3569, 3560, 3576, 3782, 3869, 3873	Provide security equipment for plant security doors.	2		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

DEEP UNIT 1
OUTAGE PLANNING LIST

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WORK AREA Modifications
Page 103

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts			
401-1	MCR 660 L1497 WP 3327, 3330,	Provide penetrations in south wall U-1 -3 for painting contractors equipment.	1	DEC	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1
OUTAGE PLANNING LIST

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts			
404-1	MCR 622 WP 3314	Install ladder to provide access from elevator penthouse to top of shaft (control bay).	3	DEP/WAR BFNP	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
404-2	L1553	Make control room doors bullet resistant.			Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Must Be Done
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3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 1

OUTAGE PLANNING LIST

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Item No.	Supporting Document (IR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals			Procedure	Activity	Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document	Parts/Nat'l Status			Number of Men/Craft	Number of Shifts			
411-3	MCR 591 WP 2988	Install access steps over main turbine.	3	DPP/BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
411-2	MCR 554	Relocate ladders into condensate pump pit.	3	DPP/BFNP	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
411-1	ECN L1287	Revise door to off-gas recombiner (swings out instead of in).	1	DEC	Vendor			Assd.					Retest	Inside work must finish first.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
411-4	MCR 700 3748	Install catwalk el. 565 platform on stairs 3 across to condenser access platform.	3		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

BNFP UNIT 1

OUTAGE PLANNING LIST

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Page 106

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
433-4	ECN L1325 WP 3401	Add guard rail on inner circle on top of torus.	1	DEC	Vendor			Assd.	6I	10		Retest	Should be done prior to coating torus. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
433-6	MCR 559 WP 3404 3425	Eliminate torus penetration connectors.	1	DEC	Vendor			Assd.				Retest	To NGB on 3/21/75.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
433-3	MCR 304 3410	Provide mounting bracket for indicating light limit switch on torus to drywell vacuum breaker.	1	DEC	Vendor			Assd.	2E	2		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
433-1	CR# 291	Correct personnel air lock doors hanging Problem.	3		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
433-7	I1433 FDI 288/87000 WP 3421, 3431, 3420, 3423,	Modify MSRV tailpipes and supports and vent header supports.	1		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

BNPP UNIT 2
OUTAGE PLANNING LIST

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
1	MMI 24	Install reactor cavity shield plugs	5/2	DPP	Vendor	NR		Assd.	MMI 24	1 Crane 3 EM	6 hr.	Retest	One SWP should cover items 1 through 6. Complete marking off floor.
				C.R. Brimer	DED	NR		Prepd.				SWP	
				W.R. Turner	Site			Appd.				Clear	
2	MMI 2	Install drywell head	5/2	DPP	Vendor	NR		Assd.	MMI 2	1 Crane Op 10 EM	12 hr.	Retest	
				C.R. Brimer	DED	NR		Prepd.				SWP	
				W.R. Turner	Site			Appd.				Clear	
3	MMI 24	Install fuel pool and equipment pool shield plugs	5/2	DPP	Vendor	NR		Assd.	MMI 24	1 Crane Op 4 EM	2 hr.	Retest	
				C.R. Brimer	DED	NR		Prepd.				SWP	
				W.R. Turner	Site			Appd.				Clear	
4	MMI 1	Install RPV head insulation and other interference	5/2	DPP	Vendor	NR		Assd.	MMI 1		8 hr	Retest	
				C.R. Brimer	DED	NR		Prepd.				SWP	
				W.R. Turner	Site			Appd.				Clear	
5	MMI 1	Install RPV head	5/2	DPP	Vendor	NR		Assd.	MMI 1			Retest	Refer to BF74M4 (SIL 61)
				C.R. Brimer	DED	NR		Prepd.				SWP	
				W.R. Turner	Site			Appd.				Clear	
6	MMI 10	Remove/install as necessary reactor service platform	5/2	DPP	Vendor	NR		Assd.	MMI 10			Retest	
				C.R. Brimer	DED	NR		Prepd.				SWP	
				W.R. Turner	Site			Appd.				Clear	



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					Organization	Date/Document		Date	Number of Men/Craft	Num of Shifts			
7	BF74M5 SIL 105	Feedwater Sparger Inspection	5/2	GE/Chatt. Jones	Vendor			Assd. GE				Retest	See NERP item #10. Need detailed procedure from GE.
					DED			Prepd.				SWP	COMPLETE
					Site			Appd.				Clear	
8		Feedwater sparger repair - See GE letter BF5087 dated February 5, 1974, and reply by D. R. Patterson to GE dated February 26, 1975.	5/2	GE/Chatt. Jones	Vendor			Assd. GE				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
9	MMI 10	Install steam line plugs	5/2	Chatt. Conway Myers	Vendor			Assd.				Retest	Check status of rebuild with WAR.
					DED			Prepd.				SWP	COMPLETE
					Site			Appd.				Clear	
10		Fuel shuffling/unloading as required	5/2	DPP John Studdard	Vendor			Assd. TPB				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
10A		Write fuel unloading procedure	5/2	DPP John Studdard	Vendor			Assd. TPB				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
11	Part on inserv. insp. program	Inservice inspection of vessel and head to flange welds and studs, nuts, washers, and ligaments	5	DPP R.H. Daniel F. Woody	Vendor			Assd.				Retest	Wait until refueling per RHD.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza-tion	Date/Document		Date	Number of Men/Craft	Number of Shifts			
12	MMI 11	Inservice inspection of vessel internals	5	DPP Wimberly R.H. Daniel F. G. Woody	Vendor DED Site			Assd. Prepd. Appd.	Chatt.			Retest SWP Clear	Include visual inspection of core spray header. C. A. McLaughlin to prepare checkoff list.
13	TR-28142 SIL 83&97 BF74E19&23	Replacement of defective nuclear instrumentation LFRM's, IRM's, SRM's COMPLETE		Chatt./GE C.R. Brime W.R. Turner	Vendor DED Site			Assd. Prepd. Appd.				Retest SWP Clear	May have to replace all LFRM's, need to purchase them and ensure that spares are latest design spares. COMPLETE
14		Control rod blade inspection shuffling, replacement of incore rods	5/2	Chatt. C.R. Brime W.R. Turner	Vendor DED Site			Assd. Prepd. Appd.				Retest SWP Clear	See NERP item #30.
15	TR-28143	Recirculation jet pump inspection (visual inspection)	5/2	Chatt. C.R. Brime W.R. Turner	Vendor DED Site			Assd. Prepd. Appd.				Retest SWP Clear	Possible FDI to check preload of jet pump hold down bolt
16		Recirculation jet pump repair	5/2	Chatt. C.R. Brime W.R. Turner	Vendor DED Site			Assd. Prepd. Appd.				Retest SWP Clear	NOT REQUIRED
17	TR-28144	Fuel channel inspection - see letter from GE to N.B. Hughes, dated May 15, 1974. Should have BFNP's report in one month.	5/2	BFNP T. Bragg	Vendor DED Site			Assd. Prepd. Appd.				Retest SWP Clear	COMPLETE Work with nuclear section to establish criteria and inspection procedure and OPS to perform inspection.



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					Organiza-tion	Date/Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
18		Fuel channel change out	5/2	GE/BFNP John Studdard	Vendor			Assd.		24/12	11/1	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
19	MMI 10	Steam line plug removal	5/3	Chatt.	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
20	L1063	Decontamination	5/3	Chatt.	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
21	SIL 13 MCR	Install seal on dryer/sep pool	4	Chatt.	Vendor			Assd.				Retest	Try to do before the refueling outage. CEC following design and procurement of seal. COMPLETED
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
22	FDI 175/ 87,000 0-26	Inspect steam dryer for cracks NERP item 80	5/3	DPP Chatt.	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
23		Core Verification	5/2	BFNP T. Bragg	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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24	MMI 1	Reinstall studs in line with fuel pool	5/3	Chatt. C..R. Brimer W.R. Turner	Vendor			Assd.	MMI 1			Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
25		Inspect 20 drywell hold down bolts in accordance with JEG to Moseley's letter dated April 17, 1974, WRT DRO Bulletin 74-3.	4	Chatt. R.H. Daniel	Vendor			Assd.			12/1	Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
26		Install/remove as necessary cattle shute shield	5/3		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
27	BF74M2 MMI 3	Replace steam dryer and separator	5/2	DPP G.L. Messer	Vendor			Assd.	MMI 3			Retest	Refer to BF74M2 (SIL 35)
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
28	TR-28145	Change out defective TIPS and cables	5/3	BFNP J. Pittman	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
29	TR-28146	Inspect fuel bundle locking tab washers on discharged fuel. J.A. Coffey to H. J. Green - 4SD dated 8/22/74.	5/3	BFNP T. Bragg Operations	Vendor			Assd.	T. Bragg			Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. of comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft		Number of Shifts		
30	TR21629 BF74E17 SIL 86 MCR	Install screens over reactor cavity drains, equipment pool	4		Vendor			Assd.				Retest	CEC following up. See item 1-0-39.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
31	N74M15	Inspect reactor building overhead crane in accordance with DPMN74M15	6	BFNP Chatt.	Vendor			Assd.				Retest	See NERP item 13. A crane crew is being established to conduct these inspections. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
32					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
33	TR 28244	Repair sticking auxiliary air hose reel on U-2 refuel platform.	3	BFNP MWH	Vendor			Assd.		2F	1	Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
34	TR28245	Repair refueling platforms trolley. Will only run in slow speed.	3	BFNP TAC	Vendor			Assd.		2E	2	Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
35	TR 28246	Repair power cable harness is on U-2 refueling platform.	3	BFNP TAC	Vendor			Assd.		2E	1	Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts		
39		Clean U-2 & U-3 fuel pool aluminum demin lines thru fire zone	3	Chatt. R. Favreau	Vendor			Assd.		2L	1	Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
40		Dye check 20% U-2 & U-3 fuel pool demin aluminum lines thru fire area	3	BFNP K. Thomas	Vendor			Assd.	RHD	2 level 2	3	Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
41		Review MMI 1, 2, 10, 12, 24, & 41 for any change required as a result of the fuel unloading SAR	3	DPP C.R. Brimer	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
42	TR-34976	General inspection of U-2 refueling platform	3	BFNP WAR	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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					Organization	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
43	TR-34978	Verify linkage for main hoist safety disc brake lining assembly is properly adjusted and lock wire.	3	BFNP WAR	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
44	TR-34979	Lubricate RF platform main hoist well pulley shaft.	3	BFNP WAR	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
45	TR-34980	Lubricate RF platform alignment wheels	3	BFNP WAR	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
46	MMI	Remove startup instrumentation (vibration & steam).	3	Chatt./GE Wimberly	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
47		Locate and remove missing pieces from steam line plugs.	3	Chatt./OPS	Vendor			Assd.				Retest	Can't locate after extensive search - need disposition.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
48	MMI	Welding repair of reactor well linear - unit 2 (procedure).		Chatt.	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
49					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
50		Open drywell equipment access hatch. COMPLETE		BFNP	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
51		Feedwater sparger repair.		Chatt. Jones	Vendor			Assd.				Retest	FDI 194/87000-1, Rev. 1 (Same as item 1-99). COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
52		Fuel Sipping (Same as 1-13).		BFNP	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
53		Plug holes in core plate.	3	GE/BFNP/ OPS	Vendor			Assd.			12/12	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
54		Drill holes in lower tie plate of fuel bundles.	3	GE/BFNP/ OPS	Vendor			Assd.			56/12 hrs.	Retest	See item 79-
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
55		Reshuffle damaged fuel channels.	3	BFNP OPS	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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					Organization	Date/Document		Date	Number of Men/Craft	Number of Shifts			
100	MMI 7	Replace CRD's as required (CRD 30-47)	2	BFNP Haney	Vendor			Assd.	4 EM	10		Retest	NOT REQUIRED
					DED			Prepd. MMI 7				SWP	
					Site			Appd.				Clear	
101	MMI 7 BF73M13 BF73M15	Overhaul CRD's as required	3	BFNP Haney	Vendor			Assd.	2 EM	10		Retest	NOT REQUIRED
					DED			Prepd. MMI 7				SWP	
					Site			Appd.				Clear	
102	SI	Test MSIV's COMPLETE	2	Chatt. Roberts Clark	Vendor			Assd.	2 SE	2 da		Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
103	TR-28103	Repair MSIV's COMPLETE	2	Chatt. E. Parks	Vendor			Assd.	3M 8F	8 40		Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
104	SI	Other containment iso. valve testing	3	Chatt. Clark J. Roberts	Vendor			Assd.	2SE 4F	24 24		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
105	TR-28303	Other containment isol. repair	3	Chatt.	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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					Organiza-tion	Date/Document		Date	Number of Men/Craft	Number of Shifts			
106	TR-28304	Nitrogen leak test MSRV's	3	Chatt	Vendor			Assd.	2F	1		Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
106A		Rebuild defective MSRV's	3	Chatt.	Vendor			Assd.	2F	1		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
106B		Steam test rebuilt MSRV's.	3	Chatt.	Vendor			Assd.	2F.	1		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
107	TR-28305	Replace defective MSRV's	3	Chatt.	Vendor			Assd.	2F	2		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
108	MMI 36 BF74M17	Inspect hydraulic shock arrestors (both Bergen, Paterson and Grinnell)	3	BFNP	Vendor			Assd.	MMI 36 2F	2		Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
109	MMI 45	Rebuild snubbers	3	BFNP	Vendor			Assd.	MMI 45 2F			Retest	Need parts.
					DED			Prepd.		4		SWP	COMPLETE
					Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Drywell

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
110		Remove/replacement equipment access hatch as required	5	BFNP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
111	TR-28306 BF74E12 SIL 76	Remove/replace TIP tubing (conduct TIP friction test) remove prior to CRD work to prevent damage.	3	BFNP W.A. Roberts	Vendor			Assd.				Retest	NOT REQUIRED
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
112	TR-28308	Inspect torus IAW MMI 44.	3	BFNP Chatt. L. Curvin	Vendor			Assd.		Engineer	1/2	Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
113	TR-28309	Inspection of structural & seismic support bolts, and welds on Class I components DRO bulletin 74-3 JEG to Mosely (AEC letter 4/17/74).	5	Chatt. R.H. Daniel	Vendor			Assd.		Contractor	1	12/1 Retest	Drywell head bolting complete.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
114	TR-28310	UT 2RPV stabilizer rods UT 8 Support skirt holdown bolts IAW JFG to Mosely - letter dated April 17, 1974	5	Chatt. R.H. Daniel	Vendor			Assd.			1/2	12/1 Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
115	TR-28311	Inspect reactor recirculation valves in accordance with DPMN73M14 - Anchor Darling	3	Chatt. E. Parks	Vendor			Assd.			1/4	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Drywell

Page 14

Item No.	Supporting Document (TR, ECN, NCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
116	TR-28312	Visually inspect ring girder pedestal nuts	5	Chatt.	Vendor			Assd.		1/4	12/1	Retest	R.H. Daniel to R. E. Hereford memo dated 6/21/74. Problem occurred at Pilgrim NERP item 156. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
117	TR-28313	Test and repair/replace check valves on ADS relief valve accumulators. R.B. Beers to H.M. Bankus, TVA letter no. 3575 dated 9/26/74.	3	Chatt. Parks	Vendor			Assd.			11/1	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
118	TR-34385	Adjust packing on valves in drywell	3	BFNP	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
119	TR-33076	Inspect all MSIV dashpots for proper oil level and any signs of leakage.	3	Chatt. Parks	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
120	TR-28140	Conduct ultrasonic inspection of recirc discharge bypass line in accordance with DPMBF75M1 and GE SIL 117	3	Chatt. R.H. Daniel	Vendor			Assd.			12/1	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
121	TR-16958	FCV-2-85-577 is leaking at pressure seal ring	4	BFNP	Vendor			Assd.				Retest	Requires reactor water level below CRD return. Only fix if we unload fuel. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Mechanical

Page 15

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Organiza- tion	Date/ Document	Parts/Mat'l Status	Procedure	Activity	Duration	Dates:	Special Requirements	Remarks
								Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
122	TR-22329	Either move ladder or install enough grating to provide access to ladder in unit 2 CRD polar platform so ladder can be reached	4	BFNP	Vendor			Assd.				Retest	Exception item
					DED			Prepd.				SWP	Check on MCR status
					Site			Appd.				Clear	
123	TR-38078	Adjust packing and tighten up pressure seal gaskets in drywell and other inaccessible areas	3	BFNP	Vendor			Assd.				Retest	TRM to push graph or MCR to replace any bad backing.
					DED			Prepd.				SWP	COMPLETE
					Site			Appd.				Clear	
124	TR-30898	RCIC inboard valve FCV-2-71-2 Would not open with motors (inside drywell)	3	BFNP	Vendor			Assd.				Retest	Operations to verify problem
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
125		Conduct nitrogen leak test on relief valves (pilot valve)	3	DPP/Chatt.	Vendor			Assd.				Retest	Same as 2-106
				M. Hekking	DED			Prepd.				SWP	
					Site			Appd.				Clear	
126		Conduct operational hydro on RFV to locate leaks		BFNP/OPS	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
127A	ECN	Remove 4" recirc discharge and bypass line "A" pump side	3	Chatt.	Vendor			Assd. OD				Retest	Need FDI from GE, then ECN from DED - DEFERRED
					DED			Prepd.				SWP	
				OD	Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Drywell

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft		Number of Shifts		
127B		Remove 4" recirc discharge bypass line "B" pump side		OD Chatt.	Vendor			Assd.				Retest	Acct. N1-765-82-643.1
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
128	TR 28248	Tighten bonnet studs on all Anchor Darling valves similar to recirc discharge valve	3	Chatt. Parks	Vendor			Assd.				Retest	Determine proper torque for each valve
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
129	TR-28249	Tighten pressure seal ring pull up bolts on all applicable valves.	3	BFNP	Vendor			Assd.				Retest	Determine proper torque for each valve COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
130	MCR	Apply protective coating to torus surface	3	DPP/DED Chatt. R. Rector L. Curvin A. Boehmer	Vendor			Assd.		8-4/8		Retest	Need ECN for metalizing contract basis.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
131	None	Drain the torus	3	BFNP Ops	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
132	Special Procedure	Refill torus.	3	BFNP Ops	Vendor			Assd.	JBS			Retest	Procedure should include venting of all pumps and retest
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.

7. Do after outage.

REV General DATE 1/20/76

WORK AREA Drywell

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. of Comp.		
133	TR-28282	Inspect the mechanical Yarway snubbers for freedom of movement.	3	BFNP MWH	Vendor			Assd.			9/10	Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
134		Inspect butterfly valves on CSS suction to see if the reactor is holding up	3	Chatt	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
135	TR-29476	Replace Grinnell snubbers SS-7 and S9A and SS9B on recirc pumps.	3	BFNP MWH	Vendor			Assd.				Retest	Used for unit 3.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
136		Replace Yarway mechanical snubbers with product improvement type		BFNP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Drywell
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. of Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts		
141		Clean torus. COMPLETE	2	Chatt. TFZ	Vendor			Assd.		5	DA	Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
142		Grind welds and other sharp edges, torus. COMPLETE	2	DEC Curvin	Vendor			Assd.		14	DA	Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
143		Blast and coat vent header internals.	2	Metalweld Curvin	Vendor			Assd.		10	DA	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
143A		Rough blast torus.	2	Metalweld Curvin	Vendor			Assd.		10	DA	Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
144		Sandblast and final clean first half of torus.	2	Metalweld Curvin	Vendor			Assd.		12	DA	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
145		Coat 1st half of torus.	2	Metalweld	Vendor			Assd.		5	DA	Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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TENNESSEE VALLEY AUTHORITY

DEEP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Drywell

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp. Date	Special Requirements	Remarks
					Organization	Date/Document		Date	Number of Men/Craft	Number of Shifts			
146		Move equipment and sandblast and final clean 2nd half torus.	2	Metalweld	Vendor			Assd.	13	DA		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
147		Paint 2nd half of torus.	2	Metalweld	Vendor			Assd.	5	DA		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
148		Set up, blast, and final clean 1st half lower 1/3 torus.	2	Metalweld	Vendor			Assd.	10	DA		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
149		Coat 1st half or lower 1/3 torus and cure.	2	Metalweld	Vendor			Assd.	2	DA		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
150		Cure torus.	2	Metalweld Curvin	Vendor			Assd.	2	DA		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
151		Set up and blast 2nd half of torus and final clean.	2	Metalweld	Vendor			Assd.	12	DA		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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TENNESSEE VALLEY AUTHORITY

BFP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Drywell

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Item No.	Supporting Document (IR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza-tion	Date/Document		Date	Number of Men/Craft	Number of Shifts			
152		Coat 2nd half of torus.	2	Metalweld	Vendor			Assd.	2	DA		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
153		Cure 2nd half of torus.	2	Metalweld	Vendor			Assd.	2	DA		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
154		Repair reactor feedwater isolation check valve. #3-572		Chatt. Parks	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
155		Repair standby liquid control check valve #63-526.		Chatt. Parks	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
156		Repair core spray check valve #75-26		Chatt. Parks	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
157		Repair core spray check valve #75-54		Chatt. Parks	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
158		Tighten bonnet studs A - D valves #68-1, 3, 77 & 79		Chatt. Parks	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Reactor Building

Page 21

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
200	SIL 66 TR 28148	Inspect CRD accumulators for problem relating to flaking of nickel plating	3	Chatt. Favreau	Vendor			Assd.		4/8	9/22	Retest	See NERP item 32. NOT REQUIRED
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
201		Inspect RBCCW system heat exchangers for clams and general conditions	3	BFNP Haney	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
202	Written Report	UT bolting of suppression chamber seismic lugs JEG to Moseley, letter dated April 17, 1974	4	Chatt. McLaughlin	Vendor			Assd. Daniel				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
203	MMI 36	Inspect hydraulic shock and sway arrestors in reactor building	3	BFNP	Vendor	NR		Assd. MMI 36				Retest	COMPLETE
					DED	NR		Prepd.				SWP	
					Site			Appd.				Clear	
204	MMI 45	Repair defective snubbers		BFNP	Vendor			Assd.	MMI 45			Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
205	MMI 22	Inspect RCIC pipe supports	3	BFNP	Vendor			Assd. MMI 22				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
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REV General DATE 1/20/76

WORK AREA Reactor Building
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Must item but not CP. for but don't expect to do.																
Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks			
					Organiza- tion	Date/ Document		Date	Number of Men/Craft					Number of Shifts	Start Est. Comp.	
206	MMI 22	Inspect HPCI pipe supports	3	BFNP	Vendor	NR		Assd.	MMI 22			Retest				
					DED	NR		Prepd.	SWP							
					Site	Appd.		Clear								
					Vendor			Assd.				Retest				
					DED			Prepd.	SWP							
					Site	Appd.		Clear								
					Vendor			Assd.				Retest				
					DED			Prepd.	SWP							
					Site	Appd.		Clear								
					Vendor			Assd.				Retest				
					DED			Prepd.	SWP							
					Site	Appd.		Clear								
					Vendor			Assd.				Retest				
					DED			Prepd.	SWP							
					Site	Appd.		Clear								
					Vendor			Assd.				Retest				
					DED			Prepd.	SWP							
					Site	Appd.		Clear								
					Vendor			Assd.				Retest				
					DED			Prepd.	SWP							
					Site	Appd.		Clear								



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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2

OUTAGE PLANNING LIST

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REV General DATE 1/20/76

WORK AREA Mechanical

Page 23

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
207	TR-34673 TR-34638	FCV 73-44 leaks 45 gph from feedwater side with 80 psig	3	Chatt. E. Parks	Vendor			Assd.				Retest	Check with Groves prior to repair. WAR to check
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
208	TR-21661	FCV 23-40 packing on FCV 23-40 has blown out. Valve needs pulling for repair to seat and valve stem.	3	BFNP	Vendor			Assd.				Retest	Check status of bypass w DED think having stem made.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
209	MCR 513 LI386 WP 2764 TR-34329	Add unions or EECW lines to RHR pump seal coolers	3	BFNP	Vendor			Assd.				Retest	Jan Benjamin DED COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
210	MCR 521	Add flanges to recirculation MG set outlet cooling water lines	3	BFNP	Vendor			Assd.				Retest	Need work plan. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
211	MMI 46	Reactor building cleanup, mechanical	3	Chatt. T. Ziegler	Vendor			Assd.				Retest	1663-BF75-403 COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
212	EMI 20	Reactor building electrical equipment inspection and cleanup	3	Chatt. D. Wright	Vendor			Assd.				Retest	Cleanup team evaluate need to replace components and purchase, if necessary.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
 7. Do after outage.

REV General DATE 1/20/76

WORK AREA Mechanical

Page 24

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
213	IMI 3005	Inspect and clean up as necessary reactor building instrumentation	3	BFNP J. Pittman	Vendor DED Site			Assd. Prepd. Appd.				Retest SWP Clear	
214	TR-34347	Remove 309 weld buildup on disc to stem on valve 2-74-66	3	DPP/Chatt. Parks	Vendor DED Site			Assd. Prepd. Appd.				Retest SWP Clear	Inspect austenetic weld. Grind out and replace with ferritic weld if suspected. (JRC to F.A. Szczpanski - 3/19/75).
215	TR-30459	2-FCV-23-52 RHRSW "D" outlet bonnet leak and bonnet bolts broken, probable stem broken.	3	BFNP	Vendor DED Site			Assd. Prepd. Appd.				Retest SWP Clear	Long lead time on parts. May have to machine new stem from old RHR angle valve stem.
216	TR-34395	Below seat drain on FCV 74-67 broken off at valve body line Contains 74-632B and 74-631B	3	Chatt. Parks	Vendor DED Site			Assd. Prepd. Appd.				Retest SWP Clear	1/2" line
217	TR-33990	Replace TIP guide tubing from shields to shear valves inside TIP room	3	BFNP	Vendor DED Site			Assd. Prepd. Appd.				Retest SWP Clear	COMPLETE
					Vendor DED Site			Assd. Prepd. Appd.				Retest SWP Clear	



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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Reactor Building

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Esc. Co. Comp.		
218	TR-28250	2-FCV-74-61 valve bonnet flange leaking. 3rd floor reactor building east side	3	BFNP	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SNP	
					Site			Appd.				Clear	
219	TR-34964	2-74-46 RHR crosstie valve is leaking thru		Chatt. Parks	Vendor			Assd.				Retest	
					DED			Prepd.				SNP	
					Site			Appd.				Clear	
220	MMI	Replace diaphragms in scram pilot valves per DPMBF75M12 (SIL-128)	3	BFNP T. Haney	Vendor			Assd.	MWH			Retest	MWH to order material and prepare procedure. Holding up retest.
					DED			Prepd.				SNP	
					Site			Appd.				Clear	
221	MMI 46	Broad brush clean unit 2 areas as required COMPLETE	3	Chatt. TFZ	Vendor			Assd.			4/8	Retest	COMPLETE
					DED			Prepd.			6/1	SNP	
					Site			Appd.				Clear	
222	MMI 46	Final clean unit 2 reactor building COMPLETE	3	Chatt. TFZ	Vendor			Assd.			6/1	Retest	COMPLETE
					DED			Prepd.			6/28	SNP	
					Site			Appd.				Clear	
223	MMI 46	Final survey and inspection of unit 2 COMPLETE	3	Chatt. TFZ	Vendor			Assd.			6/21	Retest	COMPLETE
					DED			Prepd.			7/4	SNP	
					Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Reactor Building

Page 26

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
224		Inspect ASCO solenoid valves.	1	BFNP WAR	Vendor			Assd.						Retest	JRC to HJG letter 6/24/75.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
225		Support CS system test lines to prevent failure.	2	BFNP WAR	Vendor			Assd.						Retest	Use MMI 15.4.3.A for repair.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
226	TR-40677	Remove insulation on RHR heat exchangers' flanges. COMPLETE		Chatt. TFZ	Vendor			Assd.						Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
227		Repair primary containment Butterfly valve #64-32'		Chatt. Parks	Vendor			Assd.						Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
228		Repair primary containment Butterfly valve #64-33		Chatt. Parks	Vendor			Assd.						Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
229		Drywell/Torus purge air vent- ilation supply isolation supply isolation valve #64-17.		Chatt. Parks	Vendor			Assd.						Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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TENNESSEE VALLEY AUTHORITY

REF UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Modifications
Page 27

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document			Date	Number of Men/Craft	Number of Shifts		
230		Repair drywell purge air ventilation supply isolation valve 64-18		Chatt. Parks	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
231		Repair torus purge air ventilation supply isolation valve 64-19		Chatt. Parks	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
232		Repair suppression pool suction valve 73-26		Chatt. Parks	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
233		Repair suppression pool suction valve 73-27		Chatt. Parks	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
234		Repair containment isolation valve 73-44		Chatt. Parks	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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TENNESSEE VALLEY AUTHORITY

BFEP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
 7. Do after outage.

REV General DATE 1/20/76

WORK AREA Modifications
 Page 28

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organization	Date/Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
236		Repair residual heat removal "C" pump isolation valve 74-12		Chatt. Parks	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
240		Repair residual heat removal heat exchanger isolation valve #74-46		Chatt. Parks	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
241		Repair residual heat removal valve #74-66		Chatt. Parks	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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TENNESSEE VALLEY AUTHORITY

DEFP UNIT 2

OUTAGE PLANNING LIST

REV General DATE 1/20/76

6. Do before outage.
7. Do after outage.

WORK AREA Modifications
Page 29

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organization	Date/Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
243		Repair residual heat removal valve 74-529B		Chatt. Parks	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
244		Repair residual heat removal valve 74-536B		Chatt. Parks	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
245		Repair core spray "A" pump suction isolation valve 75-2		Chatt. Parks	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
246		Repair core spray "D" pump suction isolation valve 75-39		Chatt. Parks	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
247		Repair containment inerting system valve 76-24		Chatt. Parks	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Turbine/Generator

Page 30

Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organization	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
300	TR-28149	Turbine lube oil sump inspection/cleaning COMPLETE	3	BFNP Ops	Vendor	NR		Assd.				Retest	COMPLETE
					DED	NR		Prepd.				SWP	
					Site			Appd.				Clear	
301	TR-28150 BF73M11 TIL 690-3	Clean EHC coolers with nylon brush and hydro	2	BFNP	Vendor	NR		Assd.				Retest	COMPLETE
					DED	NR		Prepd.				SWP	
					Site			Appd.				Clear	
302	MDTD TIL 74-2 TR-28151	Change out lock nuts with new type on oil pump gears on reactor feed pump. COMPLETE	3	DPP Chatt. Mason	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
303	TR-28152 N74M15	Inspect turbine building overhead crane IAW DPMN74M15	6	DPP Chatt. M. Mathis	Vendor			Assd.				Retest	Only required if crane is to be used for another job.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
304	WP	Replace the main drive pinion on the turbine building crane that was borrowed for U-3.	4	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
305	MCR 543	Replace gen. H2 seal with modified seal to improve H2 leakage and insulation problems	3	Chatt. Mason Mathis	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

BFSP UNIT 2

OUTAGE PLANNING LIST

REV General DATE 1/20/76

WORK AREA Turbine/Generator

Page 31

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.			
306	Turbine Report	Visual inspection of LP turbines lost stage buckets	3	Chatt. Duke	Vendor		N/A	Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
308	Turbine Report	Improve mech. trip valve switch on main turbine overspeed trip GE - ECN T352-118.	3	Chatt.	Vendor			Assd.						Retest	See item 2-47
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Turbine Building

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft		Number of Shifts		
400	TR-28153	Condenser steam side inspection	3	Chatt.	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
401	TR-28154	Condenser water box side inspection including Probolog inspection	3	Chatt. Probolog Haynes	Vendor			Assd.				Retest	Consider eddy current inspection. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
402	TR-28155	Condenser steam side modifications D.R. Patterson to Foster Wheeler letter dated 7/17/74.	3	Chatt. Schean Jenkins	Vendor			Assd.		5 DA 10/8		Retest	Service shop EM. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
403	TR-28156	Feedwater heater inspection including Probolog inspection	3	Chatt.	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
404	TR-28157	Feedwater heater repairs and modifications	5	Chatt.	Vendor			Assd.				Retest	NONE REQUIRED
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
405	TR-28158	Feedwater heater drain and isolation valve repair	3	Chatt. Hekking	Vendor			Assd.				Retest	See GE letter on BF-5127 dated 5/16/74, from H. M. Bankus to D. R. Patterson
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Turbine Building -4066407
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
406	TR-28159	Adjust or replace packing on miscellaneous pumps. Use graphol' packing	4	BFNP W.A. Roberts	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
407	TR-28160	Conduct condenser leakage test on main condenser as soon as repairs are completed	2	BFNP J.B. Studdard	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
408	TR-26489	Radiation level is high on hotwell discharge lines and steam leak to condenser is suspected. Inspect interior of condenser to determine source of leakage path.	3	BFNP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
		Check for excessive corrosion at outlets in condenser.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
409	TR-34390	Oil leak on 2B RFP - See Jim Parker for details.	3	Chatt. Duke	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
410	TR-25306	Amertap system, section C2 cannot establish a good flow of water. Lines appear to be plugged.	3	BFNP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Mechanical

Page 34

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organization	Date/Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
411	TR-28161	Probolog #4 LP FW heaters.	4	Chatt.	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
412	TR-28162	Probolog main condensers	4	Chatt.	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
413		Conduct DOP test on standby gas treatment HEPA filters	3	BFNP-Res.	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
414		Conduct DOP test on off-gas HEPA filters.	3	BFNP-Res.	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
415	TR-33714	2-PCV-2-216 backwash inlet valve is binding on cond. demin.	3	BFNP	Vendor			Assd.				Retest	Suspect both valve and actuator is binding. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
416	TR-28820	2B RFP discharge flange is leaking badly. Replace gasket. Tighten inlet flange.	3	BFNP	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



Priority Codes:

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UTAH VALLEY AUTHORITY

BEFP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Turbine

Page 35

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion.	Date/ Document		Date		Number of Men/Craft	Number of Shifts			
417		Disassemble, inspect, clean, lubricate, and rebuild as necessary the operators on all heater extraction. 150 valves. 1-FCV-5-1, 5-39, 5-52, 5-65	4	BEFP Tullis	Vendor			Assd.					Retest	COMPLETE 4/22/75
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
418		Conduct chlorination program on raw cooling water system	3	BEFP W. Thomison	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
419		Replace ductile iron butterfly valves in A, E, F and W valves on condensate demineralizer with stainless steel.		BEFP Haney	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
420		Repair reactor feedwater pump minimum flow "C" valve 3-6		Chatt. Parks	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
421		Repair reactor feedwater pump minimum "B" valve 3-13		Chatt. Parks	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
422		Repair reactor feedwater pump minimum flow "A" valve 3-20		Chatt. Parks	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

Page 36

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
500	TR-28163 EMI 20	Recirculation pump MG set a.c. motor 2A, 9,000 hp, 4-kV 68	3	Chatt./ PSS D. Wright	Vendor			Assd.				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.				SWP	Check coolers and clean if necessary
					Site			Appd.				Clear	
501	EMI 20	Recirculation pump MG set a.c. motor 2B, 9,000 hp, 4-kV 68	3	Chatt./ PSS D. Wright	Vendor			Assd.	DPM			Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.				SWP	Check coolers and clean if necessary
					Site			Appd.				Clear	
502	EMI 20	Recirculation pump MG set a.c. generator 2A, 3,920 volts variable frequency 11 to 57 cycles 68	3	Chatt./ PSS D. Wright	Vendor			Assd.				Retest	Bridge test and d.c. step voltage test.
					DED			Prepd.				SWP	Change coolers and clean if necessary.
					Site			Appd.				Clear	
503	EMI 20	Recirculation pump MG set a.c. generator 2B, 3,920 volts variable frequency 11 to 57 cycles 68	3	Chatt./ PSS D. Wright	Vendor			Assd.				Retest	Bridge test and d.c. step test.
					DED			Prepd.				SWP	Change coolers and clean if necessary.
					Site			Appd.				Clear	
504	EMI 20	Inspect and clean breaker cubicles on shutdown bd A, 4,160 volts, unit 2 equip- ment		DPP	Vendor			Assd.	EMI 7			Retest	(26 breakers)
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
505	EMI 20	Inspect and clean breaker cubicles on shutdown bd B, 4,160 volts, unit 2 equip- ment		DPP	Vendor			Assd.	EMI 7			Retest	(22 breakers)
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
506	EMI 20	Inspect and clean breaker cubicles on diesel aux. board A, 480V	3	Chatt./ PSS D. Wright	Vendor			Assd.	EMI 7			Retest	GE 7,700 motor control center (50 breakers)
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
507	EMI 20	Inspect and clean breaker cubicles on diesel aux. board B, 480V	3	Chatt./ PSS D. Wright	Vendor			Assd.	EMI 7			Retest	GE 7,700 motor control center (50 breakers)
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
508	EMI 20	Inspect and clean breaker cubicles on unit board 2A, 480V	3	Chatt./ PSS	Vendor			Assd.	EMI 7			Retest	Rack out breakers (18 breakers)
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
509	EMI 20	Inspect and clean breaker cubicles on unit board 2B, 480V	3	Chatt./ PSS D. Wright	Vendor			Assd.	EMI 7			Retest	Rack out type (22 breakers)
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
510	EMI 20	Inspect and clean breaker cubicles on shutdown board 2A, 480V	3	Chatt./ PSS D. Wright	Vendor			Assd.	EMI 7			Retest	Rack out type (26 breakers)
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
511	EMI 20	Inspect and clean breaker cubicles on shutdown board 2B, 480V	3	Chatt./ PSS D. Wright	Vendor			Assd.	EMI 7			Retest	Rack out type (23 breakers)
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BEPP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/ Document			Date	Number of Men/Craft	Number of Shifts			
512	EMI 20	Inspect and clean breaker cubicles on reactor MOV board 2A, 480V	3	Chatt./ PSS D. Wright	Vendor			Assd.	EMI 7				Retest	GE 7,700 motor control center (57 breakers)
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
513	EMI 20	Inspect and clean breaker cubicles on reactor MOV board 2B, 480V	3	Chatt./ PSS D. Wright	Vendor			Assd.	EMI 7				Retest	GE 7,700 motor control center (65 breakers)
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
514	EMI 20	Inspect and clean breaker cubicles on reactor MOV board 2C, 480V	3	Chatt./ PSS D. Wright	Vendor			Assd.	EMI 7				Retest	GE 7,700 motor control center COMPLETE (32 breakers)
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
515	EMI 7	Inspect and clean breaker cubicles on turbine MOV board 2B, 480V	4	Chatt./ PSS D. Wright	Vendor			Assd.	EMI 7				Retest	GE 7,700 motor control center (79 breakers)
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
516	EMI 7	Inspect and clean breaker cubicles on turbine MOV board 2C, 480V	4	Chatt./ PSS D. Wright	Vendor			Assd.	EMI 7				Retest	GE 7,700 motor control center (79 breakers)
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
517	EMI 7	Inspect and clean breaker cubicles in reactor building vent board 2A, 480V	4	Chatt./ PSS D. Wright	Vendor			Assd.	EMI 7				Retest	GE 7,700 motor control center (31 breakers)
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



Priority Codes:

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4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DEFP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
518	EMI 7 EMI 20	Inspect and clean breaker cubicles on reactor building vent board 2B, 480V COMPLETE	4	Chatt./ PSS D. Wright	Vendor			Assd.	EMI 7			Retest	GE 7,700 motor control center COMPLETE (35 breakers)
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
519	EMI 7	Inspect and clean breaker cubicles on turbine building vent board 2A, 480V	4	Chatt./ PSS D. Wright	Vendor			Assd.	EMI 7			Retest	GE 7,700 motor control center (35 breakers)
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
520	EMI 7	Inspect and clean breaker cubicles on turbine building vent board 2B, 480V	4	Chatt./ PSS D. Wright	Vendor			Assd.	EMI 7			Retest	GE 7,700 motor control center (29 breakers)
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
521	EMI 7	Inspect, clean, and check terminal connections for tightness on the breakers on condensate demineralizer board 1, 480V	4	Chatt./ PSS D. Wright	Vendor			Assd.	EMI 7			Retest	GE 7,700 motor control center. Inspect, clean, and check terminal connections for tightness. (26 breakers)
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
522	EMI 7	Inspect, clean, and check terminal connections for tightness on the breakers on auxiliary boiler board, 480V.	4	Chatt./ PSS D. Wright	Vendor			Assd.	EMI 7			Retest	(28 breakers)
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
523	EMI 7	Inspect, clean, and check terminal connections for tightness on the breakers on water and oil storage board, 480V	4	Chatt./ PSS D. Wright	Vendor			Assd.	EMI 7			Retest	(36 breakers)
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

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TENNESSEE VALLEY AUTHORITY

BFEP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals			Procedure		Activity	Duration	Dates		Special Requirements	Remarks
					Organization	Date/ Document	Parts/ Mat'l Status		Date			Start Est. Comp.	End		
524	EMI 7	Inspect, clean, and check terminal connections for tightness on the breakers on radwaste building feeder board 1, 480V	4	Chatt./ PSS D. Wright	Vendor			Assd.	EMI 7					Retest	GE 7,700 motor control center (44 breakers)
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
525	EMI 7	Inspect, clean, and check terminal connections for tightness on the breakers on radwaste building feeder board 2, 480V.	4	Chatt./ PSS D. Wright	Vendor			Assd.	EMI 7					Retest	GE 7,700 motor control center (44 breakers)
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
526	EMI 7	Inspect, clean, and check terminal connections for tightness on the breakers on off-gas motor control center board A, 480V	4	Chatt./ PSS D. Wright	Vendor			Assd.	EMI 7					Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
527	EMI 20 EMI 4	Inspect, clean, and check terminal connections for tightness on the breakers on reactor MOV board 2A, 250V	3	Chatt./ PSS D. Wright	Vendor			Assd.						Retest	Listed in EMI 4 - to be performed on refueling outages. (37 breakers)
					DED			Prepd.						SWP	
					Site			Appd.	EMI 4					Clear	
528	TR-28164 EMI 20 EMI 4	Inspect, clean, and check terminal connections for tightness on the breakers on reactor MOV board 2B, 250V	3	Chatt./ PSS	Vendor			Assd.						Retest	Listed in EMI 4 - to be performed on refueling outages (31 breakers)
					DED			Prepd.						SWP	
					Site			Appd.	EMI 4					Clear	
529	TR-28165 EMI 20 EMI 4	Inspect, clean, and check terminal connections for tightness on the breakers on reactor MOV board 2C, 250V	3	Chatt./ PSS D. Wright	Vendor			Assd.						Retest	Listed in EMI 4 - work to be performed on refueling outages. COMPLETE (31 breakers)
					DED			Prepd.						SWP	
					Site			Appd.	EMI 4					Clear	

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TENNESSEE VALLEY AUTHORITY

PFNP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organization	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
530	TR-12536	Add sight glasses to 2A and 2B recirc pump motors	4	BFNP	Vendor			Assd.				Retest	Drywell entry exception item?
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
531	TR-7826 TR-13618 TR-24975	Oil Main transformer 7826 oil leak 13618 - winding temp. indicator bad 24975 oil leak cooler no. 2	3	BFNP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
532	TR-12616	Cut torus penetration inside conn. off and splice and seal.	3	DEC	Vendor			Assd.				Retest	Drywell entry
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
533	TR-12583	Place 2B main transformer in service	3	BFNP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
534	TR-16141	Control rod 42-59 scram solenoid buzzing	3	BFNP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
535	TR-22074	Check continuity for cable on LPRM 08-33D	3	BFNP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2
OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts			
536	TR 25280	CRD 02-27 replace covers missing off solenoids on valve	3	BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
537	TR-30610 TR-30613 TR-30687	XA-6-177 ann. bypass valves to cond. Not closed, won't clear.	3	BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
538	TR-30620 TR-30690	Turbine bypass valves indicating lights on panel 9-8 not working.	3	BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
539	TR-30636	HS-3-92 RFP "C" discharge non-ret. valve test sw. - both red and green lights burning	3	BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
540	TR-30635	HS-3-93 RFP "B" discharge non-ret. valve test sw. - no red light	3	BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
541	TR-30633	HS-3-94 RFP "A" discharge non-ret. valve test switch - no green light	3	BFNP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

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 2. Expected critical path (CP).
 3. Must item but not CP.
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 5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2
OUTAGE PLANNING LIST

6. Do before outage.
 7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
542	TR-30130	HS-3-109 REPT "A" Overspeed test trip. Lockout switch - no red light in lockout position	3	BFNP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
543	TR-30631	Positive 100-volt ground on batt. bd. 2	3	BFNP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
544	TR-30572	No. 2 extraction non-return valve FCV-5-28 won't test from panel 9-7	3	BFNP	Vendor			Assd.				Retest	See item 23
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
545	TR-30561	FA-68-55 ann. "recirc. loop 'A' seal leakage flow detector HI" won't clear	3	BFNP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
546	MCR 211 Exc. Item 252-2	Add transformer across unit preferred generators output	3	BFNP	Vendor			Assd.				Retest	MCR 211 did not commit units 2 and 3.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
547		500-kV breaker inspection and repair	3	BFNP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

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4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DEPT UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (IR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
548		Deenergize "A" common transformer to tie in cooling tower.			Vendor			Assd.		1 DA		Retest	WP 3254
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
549		Replace Cutler-Hammer selector switch operators IRO Letter 74-15.	3	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
550		Modify Westinghouse solid state relay terminals.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
551	TR-41591	Test RHR 2A motor IAW DPMN75M5			Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
552	TR-41592	Test RHR 2B motor IAW DPMN75M5			Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
553	TR-41593	Test RHR 2C motor IAW DPMN75M5			Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

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2. Expected critical path (CP).
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4. Nice but not must item.
5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

RFNP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals			Procedure	Activity	Duration		Dates:	Special Requirements	Remarks
					Organization	Date/ Document	Parts/Mat'l Status			Number of Men/Craft	Number of Shifts	Start Est. Comp.		
554		Test RHR 2D motor IAW DPMN75M3, DPMN75M5			Vendor			Assd.					Retest	See attached memo from J. R. Calhoun to H. J. Green dated
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
555	TR-36812	Test core spray pump motor 2A IAW DPMN75M5			Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
556	TR-36813	Test core spray pump motor 2C IAW DPMN75M5			Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
557		Test core spray pump motor 2B IAW DPMN75M5			Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
558		Test core spray pump motor 2D IAW DPMN75M5.			Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
559		Reactor water recirculation pump motor 2A 8,000 HP 4-kV IAW DPMN75M5.			Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



1

2



Planning Notes:

- 1. Emergency outage.
- 2. Expected critical path (CP).
- 3. Must item but not CP.
- 4. Nice but not must item.
- 5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

BNP UNIT 2

OUTAGE PLANNING LIST

- 6. Do before outage.
- 7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document			Date	Number of Men/Craft	Number of Shifts		
560		Reactor water recirculation pump motor 2B 8,000 HP 4-kV IAW DPMN75M5. Test.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
561	EMI 20	CRD hydraulic feed pump motor 2A 250 HP 4-kV. Test.			Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
562		Condensate pump (hotwell) motor 2A 900 HP 4-kV IAW DPMN75M5. Test.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
563		Condensate pump (hotwell) motor 2B 900 HP 4-kV IAW DPMN75M5. Test.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
564		Condensate pump (hotwell) motor 2C 900 HP 4-kV IAW DPMN75M5. Test.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
565		Condensate booster pump motor 2A 1750 HP 4-kV IAW DPMN75M5. Test.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

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TENNESSEE VALLEY AUTHORITY

DEEP UNIT

OUTAGE PLANNING LIST

- 6. Do before outage.
- 7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

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Item	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organization	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	
566		Condensate booster pump motor 2B 1750 HP 4-kV IAW DPMN75M5. Test.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
567		Condensate booster pump motor 2C 1750 HP 4-kV IAW DPMN75M5 Test.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
568		Raw cooling water pump motor 2A 300 HP 4-kV IAW DPMN75M5 Test.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
569		Raw cooling water pump motor 2B 300 HP 4-kV IAW DPMN75M5. Test.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
570		Raw cooling water pump motor 2C 300 HP 4-kV IAW DPMN75M5. Test.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
571		Condenser circulating water pump motor 2A 2250 HP 4-kV IAW DPMN75M5. Test.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

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 5. Contingency item, plan for but don't expect to do.

TENNESSEE VALLEY AUTHORITY

DESP UNIT

OUTAGE PLANNING LIST

6. Do before outage.
 7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

Page 48

Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organization	Date/Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
572	TR	Condenser circulating water pump motor 2B 2250 HP 4KV IAW DPM N75M5. Test.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
573	TR	Condenser circulating water pump motor 2C 2250 HP 4KV IAW DPM N75M5. Test.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
574	TR	EHC, Hydraulic fluid system pump motor 2A 150 HP 480V IAW DPM N75M5. Test.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
575	TR	EHC Hydraulic fluid system pump 2B 150 HP 480V IAW DPM N75M5. Test.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
576	TR	Unit 2 generator main bus cooling fan motor 1 200 HP 480V IAW DPM N75M5. Test.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
577	TR	Unit 2 generator main bus cooling fan 2A 200 HP 480V IAW DPM N75M5. Test.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



Priority Codes:

1. Emergency outage.
2. Expected critical path (CP).
3. Must item but not CP.
4. Nice but not must item.
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TENNESSEE VALLEY AUTHORITY

DEEP UNIT

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Electrical

Page 49

Item No.	Supporting Document (TR, ECR, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document		Date	Number of Men/Craft	Number of Shifts			
578	TR	Condenser vacuum pump motor 2A 125 HP 480V IAW DFM N75M5. Test.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
579	TR	Condenser vacuum pump motor 2B 125 HP 480V IAW DFM N75M5. Test.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
580	TR	Screen wash pump motor 2A 150 HP 480V IAW DFM N75M5. Test.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Restoration
Page 50

Item No.	Supporting Document (TR, ECN, NCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity	Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document			Date		Number of Men/Craft	Number of Shifts			
600		Prepare a safety analysis report (SAR) for cable removal	2	DED	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
601		Obtain NRC approval of SAR	2	TVA/NRC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
602		Determine equipment needed to meet requirements of cable removal SAR	2	DPP BFNP	Vendor			Assd.	DPP					Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
603		Accomplish work to establish plant conditions in compliance with SAR	2	DEC	Vendor			Assd.	DEC					Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
604		Provide safety review for work plans in item 603	2	DED	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
605		Clean all penetrations in units 1 and 2 COMPLETE	3	DPP Chatt. Ziegler	Vendor			Assd.	MMI 46					Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

Priority Codes:

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TENNESSEE VALLEY AUTHORITY

BFSP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Restoration

Page 51

Item No.	Supporting Document (IR, ECN, NCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts		
606		Spray flamastic on all penetrations on units 1 and 2	3	DEC	Vendor			Assd.	DEC			Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
607		Review as built drawings and prepare clearances on all cables in damaged trays	2	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
608		Measure and record extent of fire in all damaged trays and record appearance of trays and penetrations	2	DEC	Vendor			Assd.	DEC			Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
609		Show cross section of cable tray loading in fire area	3	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
610		Submit panoramic set of pictures of fire area to NRC	3	NGB	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
611		Review temporary cables installed prior to issuance of SAR to ensure they meet SAR requirements	2	DED/DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Restoration

Page 52

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals			Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document	Parts/Nat'l Status		Date				
612		Complete and issue preliminary ad hoc committee report	3	H.S. Fox	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
613		Obtain NRC approval for cable removal (fire investigation)	3	TVA/NRC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
614		Complete study of temperature of fire and area affected	3	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
615		Remove and preserve fire-damaged cables	2	DEC	Vendor			Assd.	DEC			Retest	Damaged cables must be removed and stored in such a way that they can be identified
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
616		Remove damaged cable trays and hangers and conduit	2	DEC	Vendor			Assd.	DEC			Retest	Trays, hangers, and conduit must be identified for future study
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
617		Clean fire-damaged area	2	DPP Chatt. T. Ziegler	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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TENNESSEE VALLEY AUTHORITY

BFSP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Restoration

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Item No.	Supporting Document (IR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals			Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organization	Date/Document	Parts/Nat'l Status		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	
618		Repair concrete in fire area (if required)	2	DEC	Vendor			Assd.	DEC/DED				Retest
					DED			Prepd.					SWP
					Site			Appd.					Clear
619		Reinstall cable trays, hangers, and conduit	2	DEC	Vendor			Assd.	DEC				Retest
					DED			Prepd.					SWP
					Site			Appd.					Clear
620		Complete study of how far back the cables must be cut to assure good cable	2	DEC	Vendor			Assd.					Retest
					DED			Prepd.					SWP
					Site			Appd.					Clear
621		Complete TVA investigation of fire	3	Office of Power	Vendor			Assd.					Retest
					DED			Prepd.					SWP
					Site			Appd.					Clear
622		Complete NRC investigation of fire	3	NRC	Vendor			Assd.					Retest
					DED			Prepd.					SWP
					Site			Appd.					Clear
623		Prepare SAR for restoration of U-1 with U-2 in operation	2	DED	Vendor			Assd.	DED				Retest
					DED			Prepd.					SWP
					Site			Appd.					Clear

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Restoration

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organization	Date/ Document			Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
624		Determine configuration needed to meet U-2 restoration SAR	2	DPP BFNP	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
625		Accomplish work to establish configuration identified in item 624	2	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
626		Obtain NRC approval of SAR for restoration of U-2	3	TVA/NRC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
627		Develop QA program for overall fire restoration	2	Office of Power & Office of Eng. Design & Const.	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
628		Complete studies and finalize design changes required as a result of TVA and NRC investigations	2	DED	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
629		Obtain NRC approval of design changes	2	TVA/NRC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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Priority Codes:

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Restoration

Page 55

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organization	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
630		Pull and splice cables (non-divisional cables)	2	DEC	Vendor			Assd.	DEC/ DED			Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
630A		Pull divisional cables	2	DEC	Vendor			Assd.	DEC/ DED			Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
631		Functional test cables on U-2	2	DEC	Vendor			Assd.		10 DA		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
632		Obtain NRC approval of proposed preoperational retest procedures on U-2	3	TVA/NRC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
633		Scope preoperational retest procedures on U-2	2	DED C Michelson	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
634		Write preoperational retest procedures on U-2	2	DEC/DPP BFNP D Eidson	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2

OUTAGE PLANNING LIST

6. Do before outage.
7. Do after outage.

REV General DATE 1/20/76

WORK AREA Restoration
Page 56

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organization	Date/Document		Date	Number of Men/Craft	Number of Shifts			
635		Perform preoperational retest on U-2	2	DPP/DEC BFNP D. Eidson	Vendor			Assd.		25 DA		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
636		Evaluate preoperational retest results on U-2	2	DED C. Michelson	Vendor			Assd.		5 DA		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
637		Approve preoperational retest results on U-2	2	PORC	Vendor			Assd.		2 DA		Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
638		Obtain NRC approval of preoperational retest results and obtain permission to start up U-2	2	TVA/NRC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
639					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
640					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2

OUTAGE PLANNING LIST

REV General DATE 1/20/76

WORK AREA Modifications

Page 1

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts			
0-4	WP 2213C	Condenser baffles modifica- tions	1	DPP Chatt.	Vendor			Assd.					Retest	Foster Wheeler 7/17/74. Outstandi items are No. 5 and 7. No MCR needed - no drawings changed COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
0-6	L1252 3851 WP 3893 WP 3851	Various system hanger and restraints to comply with AEC requirements	1	DEC J. Robinson	Vendor			Assd.					Retest	Will require review of all hangers listed
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
0-12	CR-298 L1305	Add supply and exh. fans and filter system to CRD rebuild room	3	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
0-14	FDI 167/87000- L1384	Invessel rack mod.	1	DEC	Vendor			Assd.					Retest	Need ECN or MCR (ECN should be forthcoming) COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
0-17	L1461 WP 3794	Install protective coatings on floors and walls in various locations	3	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
0-18	MCR 637 SIL 86	Install stainless steel screens over Rx cavity drains	1	DEC	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



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TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2

OUTAGE PLANNING LIST

REV General DATE 1/20/76

WORK AREA Modifications

Page 2

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp. Date.			
0-19	MCR 607 L1495	Shield penetration (unnumbered 10' above X-39	1	DEC	Vendor			Assd.						Retest	ECN not issued - Need. Work Plan written
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
0-21	ER2-390	Reactor protection system drawing correction to resolve errors between documentation and existing hardware	2		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
0-22	L1434 Ref.: ER2-300 M713 ECN 1135	Provide instrumentation for vessel cumulative fatigue usage factors		DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
0-15	3683	Remove transient recorder and cabling	2	DPP	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2

OUTAGE PLANNING LIST

REV General DATE 1/20/76

WORK AREA Modifications

Page 3

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/Person Responsible	Organization	Date/Document	Parts/Mat'l Status	Procedure	Date	Activity Duration	Number of Men/Craft	Number of Shifts	Start Est. Comp.	Special Requirements	Remarks
1-1 1-21 1-29 1-28	169/87000-1 180/87000 182/87000-1 186/87000-1 WP 2327 MCR 401	MSIV modifications, change "O"-rings and seals on pneumatic and hydraulic cylinders WP2258-C MCR 487 3349	1	DPP	Vendor			Assd.						Retest	DPP to request W.P. COMPLETE (1-1, 1-21, 1-28)
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
1-11	L1165 MCR 157 171	Modification to allow cross-tie of steam supply to SJAE and gland seal	1	DEC	Vendor			Assd.						Retest	ECN not approved by NRC.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
1-26 1-15	MCR 455 L1340	Change TR-1-1 alarm setpoint (relief valve tailpipes)	3	BFNP H. Knight I&C	Vendor			Assd.		2E		3 DA		Retest	COMPLETE (1-15)
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
1-22	MCR 225 ER2-271	Remove auto opening circuit from FCV-1-58	3	DEC	Vendor			Assd.						Retest	MCR disapproved but still under study
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
1-31	MCR 641 ER2-391	Measure and machine poppets on MSIV's	1	DPP/Parks Chatt.	Vendor			Assd.						Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
1-34	L1489 WP 3817	Reroute crossaround relief valve vent to condenser	1	DPP	Vendor			Assd.						Retest	DEC to write work plan
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

DEPT UNIT 2

OUTAGE PLANNING LIST

REV General DATE 1/20/76

WORK AREA Modifications

Page 4

Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts		
1-28	188/87000-1 MCR 487 L1392	MSIV - Pinning of stem	1	Chatt.	Vendor			Assd.				Retest	Materials on site. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
1-23	ECN L1249 WP 3247C 3313 3334	Revise cable routing to decrease voltage drop to temp sensors, per field request	2	DEC	Vendor			Assd.				Retest	In Work
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
1-25	RFLN MCR 352 L1277 RFMQ	Prompt relief trip	3	DEC	Vendor			Assd.				Retest	Requires NRC approval
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
1-26	MCR 645 ER2-370	Modify recorder TR-1-1 to contain 8 alarm switches	3	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
1-30	MCR 583	Modify 2nd stage locking device on Target Rock safety relief valves	2	DPP Chatt. Hekking	Vendor			Assd.				Retest	Need DED approval. DPP writing work plans and doing work
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
1-32	L1223 MCR 308	Relocate pressure switch, see sheet 1, RO	2		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

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3. Can Be Delayed

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					Organization	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
1-33	ER2-381 3313	Modification to be worked along with RFEE	2		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
1-35	L1521 WP 3571	A&M recommended change to MSIV's - polish or replace stems, machine stem, and cover bushing, install new gland followers and packing adapters	1	DPP	Vendor			Assd.						Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
1-36	MCR-676 3306	Change material in 2nd stage from stainless steel gr. 304L to ASTM A638 Gr. 660, Ty. 2 MSRV's.	1		Vendor			Assd.						Retest	Need DED approval Need safety review 11/27/75 DJR.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
1-37	ER2-396	Interchange controls for 4 sets of relief valves in ADS and PRT systems, change A to D, C to E, L to J, and K to H. A, C, L, and H valves to be manual, D, E, J and H valves to be ADS.	1		Vendor			Assd.						Retest	Need DED approval and ECN.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
1-38	MCR 733 WP 5041	Approval to substitute SA-350 LF 2 Mat'l for SA-105 for main steam isolation poppet valves		DPP	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
1-39	MCR 779 FDI-202-87000-1 WP 5070	Modify 2nd stage area of model 7367F safety relief valve to configuration of model 7467F by cutting off insert to facilitate bench test	1	DPP	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	



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					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts			
2-1	ECN 1072 ER2-272 MCR-309 WP 3234 3365 2329	Install motor operator to valve 2-260	2	DEC Mech/Elect	Vendor		5/23/75 to arrive	Assd.		2M 2E	2		Retest	Condensate short cycle bypass. DDR is complete 6/12/74. Still need to install motor operator.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
2-4	ECN 1140- WP 2758	Add restraint to reduce vibration at condensate by bypass station	1	DEC J. Baxter Mech	Vendor		Mat'l on site	Assd.					Retest	Need DED safety review Complete 5-7-75. Work plan to DPP.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	COMPLETE
2-10	ECN 1071 MCR 123 WP 2147	Install main condenser hotwell level gauges and isolation valves	2	DEC Mech	Vendor		Need site glasses	Assd.		2F	3		Retest	Need DED safety review.
					DED			Prepd.					SWP	COMPLETE
					Site			Appd.					Clear	
2-30	L1313	Relocate and redesign vibration restraint due to interference with conduit on 10" condensate recirculation line	1	DEC	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
2-27	MCR 318 ECN L1198	Condensate - change setpoint on PDS-2-130A & B to 45/40 PDS	3	DPP BFNP I&C	Vendor			Assd.		2IM	1/2		Retest	DPP need to write work plan.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
2-28	MCR 135 ECN L1202	Add instrumentation to cond demin system bypass (air supply) and revise original setpoints on instrumentation.	3	DEC I&C	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts				
2-8	L1048 L1258	Add conveyor to handle Powdex resin at cond demin precoat tank	2	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
2-9	MCR 486 L1064 WP 3166, 3662, 3632	Add motor operators to valves 2-901, 902 & 903	2	DEC	Vendor			Assd.					Retest	In Work COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
2-34	MCR 644	Change backwash timer settings and adjust valves on cond. demin.	2	BFNP	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
2-26	MCR 238 L1225	Add supply fan for filtered air to pressurize panel 25-121	3	DEC	Vendor			Assd.					Retest	Req. #86612, lack fitter assembly 11-19-75.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
2-32	MCR 581 L1478	Modify hotwell sample station drains	2	DEC	Vendor			Assd.					Retest	Pumps and tank on req. #820255
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
2-33	MCR-585/ 586	Add "TEE" to condenser back pressure sensing line	2	BFNP	Vendor			Assd.					Retest	To NGB 3/21/75 See MCR 533
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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DESP UNIT 2

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
2-31	MCR 533	Elevate condenser vacuum switches to prevent formation of water leg	1	DEC	Vendor			Assd.	2F 2E 2IM	5		Retest	Need DED ECN L1425 reviewed.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
2-35	L1485 3816	Locate and change range and designation of PDI 2-265 added by ECN L1206	1	DEC	Vendor			Assd.				Retest	DEC to work - need work plan related to off-gas
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
2-36	L1549	Relocate small portion of 6" ends head tank discharge header above floor elev. 621.25' to accommodate CRD jib crane			Vendor			Assd.				Retest	Need ECN, not issued as of 11/19/75.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
2-37	L1528	Initial issue of detailed hanger drawings			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
3-5	ECN 1018 WP 3348	Install test connection (valves) feedwater system	1	DEC	Vendor			Assd.		2F	2			Retest	All material not on site. COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
3-29	MCR 416	RFPT motor speed changer ckt change dropping resistors to a voltage divider network	2	DEC Elect	Vendor			Assd.		2E	1			Retest	Need ECN, TVA dwg. change. No FDDR needed.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
3-23	ER2-296 R0, R1 MCR 382 MCR 419 L1358	Barton Pressure Switch contact protectors panels 25-5-1 & 6-1	1	DPP/GE BFNP	Vendor			Assd.			1			Retest	FDDR partially complete.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
3-33	MCR 658 WP 3751	Replace 14 yarway snubbers with product improvement. All stainless steel components.	1	DPP BFNP	Vendor			Assd.						Retest	Transfer material to DPP and change out snubbers as maintenance requires.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
3-34	MCR 614 ER2-367	Marker plate change panel 9-3	3	DEC	Vendor			Assd.		1EL	1/2			Retest	TVA to furnish material. To NGB 4/21/75.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
3-16	MCR 231 ECN 1134	Install differential pressure indicator across RFP injection water strainers	2	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
3-19	MCR 176	Relocate gages PG2, 3, 4, and 9 on RFPT	3	DEC	Vendor			Assd.				Retest	Need DED information.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
3-31	MCR 463 ECN L1408 WP 3892	Replace PdIS-3-94, -96, -97, -120A, and -120B transmitters with replacements having a range of 0 to 150 PSID.	3	DPP I&C BFNP	Vendor			Assd.				Retest	Do with U2-2-29. Need drawings in package and work plan written.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
3-28	ER2-130C MCR 150 ECN L1276	Addition of contact protectors on recirc pump & MG sets switches 2-3-57A & B and 2-3-58A & B	2	DEC/GE Elect	Vendor			Assd.				Retest	ER2-130 Complete.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
3-32	MCR 587 TR 28151	Modifications to RFP turbine per GE TIL 74.2	2	Chatt. Mason	Vendor			Assd.				Retest	DPP to write work plan and do work COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
3-36	WP 3728 L1471	Modify wet leg transmitters to alleviate boiling off problem.	1	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
3-35	ER2-300 R1	FDDR revision necessary because of redesign of manufacturer's hardware	2		Vendor			Assd.				Retest	See item U2-3-4.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
3-22	Transfer Except.	TS-3-216A, B, and C, LIS-3-208A-D	2		Vendor			Assd.				Retest	Need DED information and replacement switch
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
6-5	MCR 478 L1457	Change setpoints on several switches and controllers on FW heaters 1, 2, and 3	2	BFNP	Vendor			Assd.						Retest	DPP to write work plan.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
6-3	WP 1979-H ECN 1012	Reduce spans on level transmitters for heaters 4 and 5. Need new scales.	2	DPP BFNP I&C	Vendor			Assd.		2IM	2			Retest	NOTE: Transmitters respanded with tempura scales in place. COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
6-4	ECN L1348	Make tags on drainline valves the same on all 3 units.	3	DEC Mech	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
9-1	ECN L1448 WP 3103	Change location of panel 9-56 to face inside U-2 control room	2	DEC Elect	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
9-2	ER2-388	To make GE drawings same as TVA drawings	2		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
9-3	ER2-389	Drawing change only - to correct ID letters on two different devices	2		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	



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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
12-5	MCR 674 FC 1308 WP 3318	Add tie-in for steam to torus painting equipment	1	DEC	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document	Parts/Mat'l Status				Start Est. Comp.	Number of Shifts		
23-10	L1058 ER2-231 MCR 60 WP 2777 3268, 2758, 3239, 3240, 3241	Add controls and ammeters for 4 new RHRSW pumps	1	DEC Elect	Vendor			Assd.		4E	15		Retest	Tech spec changes FDDR is complete. DPP is writing install. procedure.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
23-12	MCR 541	Revise piping on RHR heat exchanger (RHRSW vents)	3	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
23-13	L1496	Resolve problem with FCV 23-34, -40, -46, -52, on RHRSW discharge, add replacement disc	2	DPP	Vendor			Assd.					Retest	Material on order. DPP to work.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
23-1		Need change ECN, etc., to provide a cool water supply for EECW and RHRSW pumps when is on closed cooling tower cycle			Vendor			Assd.					Retest	No action required from DEC per MM
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



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					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
24-16	ECN 1138	Add interlock to prevent screen wash pump B on aux. RCW system	2	DEC	Vendor			Assd.		2E	3			Retest	Add before cooling tower operation.
					DED			Prepd.						SWP	Need safety review.
					Site			Appd.						Clear	
24-1	L1033	Revise RCW control stations in turbine building.	1	DEC	Vendor			Assd.						Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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					Organiza- tion	Date/ Document	Parts/Mat'l Status		Date	Number of Men/Craft	Number of Shifts		
26-1	L1366 WP 3515	Add F.P. connection on 621' elev. for filter purge unit	2	DEC Mech	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
26-2	Original. Const.	Install chain operators on valves 8" valve 26-971 and 4" valve 26-879	2		Vendor			Assd.				Retest	Transfer material to DPP for installation.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
27-3	M9A MCR 342 ER2 266 WP 3522	Cooling tower installation off-gas system modifications to be worked with RFGI item 66-3	2	DEC Mech/Elect	Vendor			Assd.		2EL	14			Retest	If any work required outage. Need safety review.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
27-8	M-155 M-94 IM-612 WP 3708 3872	Add CCWP interlock and instr. to radwaste discharge valve control.	2	DEC Mech	Vendor			Assd.		2E	3			Retest	Portions complete. Need safety review. See 43-3.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
27-21	MCR 494 L1428	Replaces LIS 27-35, -43, -51, -59, -67, and -65 with PDIS's.	3	DEC	Vendor			Assd.		2F 2E 2IM	3			Retest	Need ECN - req. #87050, material not received 11/20/75.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
27-20	ECN L1282 WP 3259	Extend ground wire to panel 25-250A, B, C, from cable trays	2	DEC Elect	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
27-11	C-16 REF. C-30	Cooling towers - gate structure no. 1 - added pits for counter weights and pit for sumps	2		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
27-12	C-31	Cool water discharge channel and dike - release drawing for Construction.	2		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	



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Item No.	Supporting Document (IR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
27-13	C-41	Cooling towers - revise water pipe layout. .	2		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
27-14	C-47	Cooling towers - precast conc. pipe provide location, orientation, and number of flange outlets for metering.	2		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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Item No.	Supporting Document (TR, ECN, NCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
30-17	L1315 WP 3730	Install exhaust duct from H ₂ analyzer and panel 25-95	3	DEC	Vendor			Assd.				Retest	In Work
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
30-9 30-10	M-914 L1176 WP 2410 2906, 2715, 2857	Install condensate and booster pump coolers	3	DEC Mech	Vendor			Assd.				Retest	WP 2906 move gland seal line WP 2857 move 2-37-502 for cond cooler clearance
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
30-18	L1491	Interlock each turbine room supply fan in fast speed mode with 2 turbine roof exhaust fans except turbine room supply fan E.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
31-1	MCR-656	Replace the oil (refrigerent cooled) heat exchanger with external oil (water cooled) heat exchanger as BCF H.E. part #7M502-D1.			Vendor			Assd.				Retest	DPP to work.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

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					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts			
32-16	ECN M81 WP 2108H WP 3086	Complete installation of D.W. control air filters and outboard MSIV filters upon receipt of flanges	2	DEC Mech	Vendor			Assd.		2F	2		Retest	Need material
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
32-17	MCR 297 WP 3090	Reroute moisture trap drains in DW control air. COMPLETE	3	DEC R. Summers Mech	Vendor			Assd.					Retest	MCR is disapproved, check that drain lines go to CRW. COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
32-14	ECN 1150C MCR 388 MCR 248 ER2-295 WP 2188H 3944	Delete drywell control air isolation signal from refuel zone isolation circuitry	1	DEC	Vendor		N/A	Assd.		2E	1		Retest	Need work plan.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
32-18	ECN L1378	Revise marker tag numbers to eliminate duplication and provide numbers for unmarked valves	3	DEC Mech	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
32-19	ECN L1413 L1410	Change control and service air systems to provide increased compressor capacity and to prevent multi-unit trips due to low control air pressure.	1	DEC Elect Mech	Vendor			Assd.					Retest	Need material and drawings.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
32-20	MCR 514	Change drywell air compressor relief valves	2	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

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TENNESSEE VALLEY AUTHORITY

BFSP UNIT 2

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					Organiza-tion	Date/Document		Date	Number of Men/Craft	Number of Shifts			
33-1	L1567 MCR 720	Change valve 33-784 from normal open to normal close.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



Priority Codes:

1. Must Be Done
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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
35-4	MCR 631 WP 3317	Machine vertical joint face on H ₂ seal	1	DPP/Duke Chatt.	Vendor			Assd.				Retest	Can't be done until generator disabled
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
35-1	MCR 534	Increase the sensitivity of continuous liquid process rad monitors	3	DEC	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
37-3	L1265 MCR 280 WP 2984	Change gland seal water supply from cond booster suction and change to manual operation	2	DEC Mech	Vendor			Assd.				Retest	DEC disapproved MCR 8/21/74. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
39-1	MCR 184 L1161	Modifications to smoke detectors in shutdown board rooms	1	DEC	Vendor			Assd.						Retest	Req'n 85627 Need material.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	Retest	SWP		
43-18	L1275 MCR 335 WP 3072	Relocate supply point to O ₂ analyzer AN 43-3. COMPLETE	2	DEC Summers Mech	Vendor			Assd.						Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
43-21	WP 3023 MCR 600	Change setpoint on flow control switches FW/Demin systems	2	DPP BFNP	Vendor			Assd.						Retest	Locally approved, DPP to work.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
43-19	L1350 WP 2941	Revise H-96 RBCCW COMPLETE	1	DEC	Vendor			Assd.						Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
43-8	WP 2721 L1154 CR 296	Install flow indicator to cond cells COMPLETE	1	DEC Mech	Vendor			Assd.	2F 2E	2				Retest	Material problems.
					DED			Prepd.						SWP	COMPLETE
					Site			Appd.						Clear	
43-9	L1014	Add sampling valves in off-gas lines at off-gas bldg. COMPLETE	1	DEC Mech	Vendor			Assd.	2F	2				Retest	Need DED safety review.
					DED			Prepd.						SWP	COMPLETE
					Site			Appd.						Clear	
43-16	MCR 330 L1250 WP 3071, 3789, 3924	Install constant temperature bath for sample cooling feedwater sample station COMPLETE	3	DEC Mech	Vendor			Assd.	2F	3				Retest	Material to be problem.
					DED			Prepd.						SWP	COMPLETE
					Site			Appd.						Clear	



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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
43-3	M155 M94 LM612 WP 3872	Add CCWP interlock and instrumentation to radwaste discharge control valve COMPLETE	1	DEC	Vendor			Assd.		2E	3	Retest	See 27-8 COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
43-14	MCR 282 L1234 WP 3281	Add switch to CCW sample pump if prime is lost COMPLETE	3	DEC	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
43-20	MCR 448 WP 2973 WP 3454	Move RHRSW discharge sample cabinets to a better location	3	BFNP	Vendor			Assd.				Retest	Locally approved, DPP to work.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
43-11	ECN 1062 ECN L1260 CR 275 WP 1500	Inst. to monitor condensate turbidity. Add auxiliary amp to existing feedwater turbidity inst. on 25-149 pulling cable	2	DEC I&C	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
43-15	MCR 303 ECN L1274 WP 3921	Install piping, valves, and instrumentation on condenser hotwell sampling system to improve system operation	2	DEC I&C	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
43-17	ECN L1261	Conduit added and cables were rerouted per FC-663 COMPLETE	1	DEC	Vendor			Assd.				Retest	Need ECN L1213 COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

HEMP UNIT 2

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
43-19	ECN L1350	Add valve marker tags and revise drawing to show as constructed COMPLETE	3	DEC Mech	Vendor			Assd.						Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
43-1	L1075 CR 295 U1 Exc. 331 WP 3846	Three-way valves to flush sample lines	2		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
43-12	CR 277	Sample cabinet vents for steam, heaters, etc.	3		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
43-23	M33 DPP CR 90	Install 4" exhaust duct for condensate sample station located, unit 2			Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	



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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
47-10	FC 1007 MCR 390 ECN L1295 WP 3927	Install core monitors in generator	3	Elect	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
47-11	ECN L1411 MCR 549	Add bearing metal thermo-couples and temperature recorder	3	DPP I&C	Vendor			Assd.				Retest	DPP to perform.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
47-8	WP 1768	Receive and install SI 47-16 COMPLETE	3	DEC	Vendor			Assd.				Retest	COMPLETE 6/25/74
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
47-12	MCR 593 WP 2989	Modify EHC hydraulic power unit filters IAW GE TIL 759-1 COMPLETE	1	Chatt.	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
47-14	MCR 665 WP 3746	Replace inlet spray nozzle on seal oil unit vacuum tank	3	DEC	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
47-13	L1460 Ref. E108 WP 3619	To complete work begun on ECN E108	2		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
47-15	MCR 707 WP 3749	Modify turbine-generator coupling per T-33-Q457.	2	Chatt. Mason	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
47-16	MCR 715 WP	Increase electrical break-down (air gap) area on the Agastat time delay relays. COMPLETE	2		Vendor			Assd.						Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
47-	MCR 689	Improve mechanical trip vlv switch on main turbine overspeed trip, GE ECN T-352-118		Chatt. Mason	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts			
55-9	RFLM-C ECN L1197	Resolution of FDI RFLM up date annunciator legends	3	DEC Elect	Vendor			Assd.					Retest	RFLM - COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
55-10	WP 1768	Replace annunciator windows. XA-55-6A window 19, XA-55-5A windows 15, 33, and 34, IXA-55-58 window 24	2	DEC Elect	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
55-11	L1424 MCR 512 WP 3545, 3690, 3655 3544	Add 2 relays (differential and sudden) to operate sequential events recorder	2	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
55-12	MCR 562 ER2 354 R1	Ann. change on panels 9-3, 4, 20, and 25-17.	3	DEC Woody Wright	Vendor			Assd.		1EL			Retest	TVA supply material. ECN not required.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
55-6	L1197 L1239 ER2-145C M-715	Annunciators FDI RFLM, ER2-145.	3		Vendor			Assd.					Retest	RFLM, RFLM, ER2-145 COMPLETE COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts			
57-12	MCR 548 L1451 WP 3768	Use existing spare contacts to provide inputs to sequential events recorder	2	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
57-9	MCR 432 L1320 WP 3575, 2852	Addition of trip circuit block in circuit for test purposes	3	PSO	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
57-11	MCR 501	Install 120V AC outlets to panels 9-2, 10, 11, 12, 13, 14	3	BFNP	Vendor			Assd.					Retest	MCR states "Maintenance" to perform
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
57-2	MCR 327	Change door hinges to right side of panel 25-44B-12	3	DEC Mech	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
57-6	MCR 405 RFHB R1 ER2-198 R0, R1 M95 L1278	Change out HS-57-29 (9-8)	2	DEC	Vendor		Comp	Assd.		2EL	1/2		Retest	See 82-1
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
57-3	L1214 WP 3100 3537C	Modify breaker failure control on all 161 500-kV power circuit breakers	1	DEC/PSO Bynum Elect	Vendor			Assd.					Retest	J. Robinson to check what is needed.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts		
57-5	WP 2901 MCR 363	Add potentiometer to trans- ducers for digital MW meter record, power, chart, and data logger. COMPLETE	1	DEC	Vendor			Assd.				Retest	COMPLETE 3/14/75
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
57-8	L1319 WP 3582, 3583, 3651 3686	Replace drywell electrical penetration EA & EF, add penetration EG	1	DEC Mech/ Elect	Vendor		86196	Assd.		8E	15	Retest	Material here on site. EG not on site
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
57-10	L1353 MCR 430	Move watt hour metering potential circuit to the unused secondary winding of the units potential trans- former	3	DEC Elect	Vendor			Assd.				Retest	Need remaining drawings not issued to date
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
57-13	MCR 557	Install power supply avail. indication lights 4-kV SD boards.	3	DEC/PSO	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
57-15	MCR 647 WP 3864	Change generator bus duct cooling fan discharge plenum COMPLETE			Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
57-14	ER2-384	Provide multiple temp. alarm settings for TA-56-1 by modifying alarm circuits for TR 56-2&-3 and regrouping the incoming thermocouple to each recorder for specified alarm setpoints.	3		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
63-10	L1467 WP 3502	Construct and install restraint R28 on SLC system COMPLETE	1	DEC	Vendor			Assd.						Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
63-7	MCR 252	Replace plunger-type packing in SLC pumps with spring loaded Chevron type.	3	DPP	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
63-11	L1140	Replace 1" SCH 40 Class M piping on SLC pump discharge with 1" stainless steel SCH 80 class D pipe.			Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
64-52	ER2-333 MCR 465 L1325 WP 3073, 3452	Torus vacuum breaker pallet positioning switch, remove terminal blocks, use in line splices	1	DEC Elect	Vendor		Avail	Assd.		2E	2			Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
64-54	MCR 491 WP 2879	Raise sealed reference pot on reference of LT 64-54 and LT 64-66 from elevation 540' 1" to 541'8" . COMPLETE	1	DPP BFNP	Vendor			Assd.						Retest	COMPLETE 5/1/75
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
64-55	WP 3562 ECN L1368	Delete cable 2A 2717 COMPLETE	1	DEC	Vendor			Assd.						Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
64-56	MCR 532 ER2-016,R1 L1432	Piping change panel 25-6 PS-10-100D and 5-12C	1	DEC	Vendor		N/A	Assd.		2 Fitters	1/2			Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
64-50	MCR 411 RFLK R1 L1272 MCR 472	Change out pressure switch 5-16 (RPS)	1	DEC	Vendor			Assd.						Retest	Need ECN
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
64-57	MCR 573 ER2-225 R1	Add seismic clamp to tray that was added by RFIW panel 9-19	2	DEC	Vendor			Assd.		2E	2			Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	



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					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
64-59	L1572 MCR 679 WP 3472	Change all non-alum. conduits and condulets to alum. or another material that won't be affected by corrosive atmosphere of the torus	1		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
64-49	L1149 MCR 95 M167	Place isolation damper lock-out on separate annunciator window from SGT pressure limiter	1		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
64-58	MCR 685	Install temp. duct from temp. torus exhaust fan to reactor building exhaust vent. Install alarm to indicate loss of power. Remove after torus paint	2		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
64-60	MCR 739 L1587	Replace air cylinders on vacuum relief valves	1		Vendor			Assd.						Retest	Need material for air cylinder replacement. ECN not recieved 11/18/75.
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
64-61	L1580 Ref. 1026	Change device no. for Δ Pi at sample station in reactor building and turbine building.			Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
64-62	L1570 FMR2-009				Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
65-1	L1243 ER2-376 WP 3554, 3675, 3557 WP 3833	ECN requested changes to SGT system.	1	DEC	Vendor				Assd.					Retest	
					DED				Prepd.					SWP	
					Site				Appd.					Clear	
					Vendor				Assd.					Retest	
					DED				Prepd.					SWP	
					Site				Appd.					Clear	
					Vendor				Assd.					Retest	
					DED				Prepd.					SWP	
					Site				Appd.					Clear	
					Vendor				Assd.					Retest	
					DED				Prepd.					SWP	
					Site				Appd.					Clear	
					Vendor				Assd.					Retest	
					DED				Prepd.					SWP	
					Site				Appd.					Clear	
					Vendor				Assd.					Retest	
					DED				Prepd.					SWP	
					Site				Appd.					Clear	

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					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
66-25	L1279 WP 3555	Install insulation on turbine building portion of off-gas recombiner system	1	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
66-28	MCR 480 MCR 482	Add TEE and valves in DOP sample line for HEPA sampling	3	BFNP	Vendor			Assd.						Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
66-8	ECN LM202 WP 3680 WP 3658	Add TW-66-75A & B to preheaters	1	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
66-2	ECN L1037 WP 3681	Add maintenance valve (MOV) to main-steam supply off-gas preheater	1	DEC Elect Mech	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
66-7	ECN 1048	Revised main-steam, control air, and added detail C5 of 47W405	3	DEC Mech	Vendor			Assd.						Retest	Drawing change COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
66-11	WP 1897C WP 1719C WP 1495C WP 1346C ECN M203 ECN L1100,	Off-gas - recharge and de-humidification system (Recombiner System) WP 3622, 3841, WP 3518, 3598, 3393, 3397, 3609, 3614, 3287, 3621	1	DEC Mech	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
66-18	RELJ WP 1980C ECN L1203 WP 3669	Install relays to provide "off-gas" gas H ₂ analyze abnormal in MCR	1	DEC/GE Elect	Vendor			Assd.				Retest	FDI RELJ COMPLETE 6/14/75.
					DED			Prepd.				SWP	COMPLETE
					Site			Appd.				Clear	
66-20	MCR 284 ECN 1160 WP 3105	Remove seal-in contacts from condenser vacuum breaker control circuits for valves PCV 66-1A and 1B (drawing 45N777-12)	2	DEC Elect	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
66-26	MCR 438 ECN L1323	Install off-gas flow loop 66-20 to stack	2	DEC/Mech I&C	Vendor			Assd.				Retest	Need drawings changed
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
66-30	ECN 1208	Install thermowells in outlet nozzle of off-gas preheaters detailed on TVA drawings 47W405-7 and -8	1	DEC Mech	Vendor			Assd.				Retest	See U2-66-8.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
66-31	ECN L1367	Air conditioning controls were installed by H&V section not using GE equipment. Change drawings to eliminate GE equipment. COMPLETE	3	GE	Vendor			Assd.				Retest	Drawing change only. Need FDDR. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
66-31, 19, 24, 13	RFGI R0, R1 R2, R3 MCR 385, 370, 629 M95, L1268	Off-gas changes to panel 9-23, 10, 45, and 25-95 WP 3393, 3392, 3287, 3740	1	DEC Elect	Vendor			Assd.		4EL 2F	25	Retest	GE material complete. 66-3 Need SR on L1056 66-11 Need SR on L1100 and M203 90-13 List of Dwg & SR - M627
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
66-29	160/87000-1	Pressure relief valve off-gas cooler/condenser - shell side COMPLETE	1	DEC	Vendor			Assd.				Retest	Need MCR COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
66-27	MCR 302 L1331 WP 3684	Off-gas sampling station - modify to allow more detailed analysis of off-gas sample	1	DEC I&C	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
66-32	REQG RFML WP 3373	Replace absorber train differential pressure transmitter 22-26A; rewire off-gas condenser level switch 22-26 COMPLETE	1	DEC	Vendor			Assd.				Retest	Need ECN. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
66-6	ECN 1026 MCR 254 WP 2049	Install ΔP gauges across HEPA filter hoods in FW and main steam sample stations	3	DEC	Vendor			Assd.				Retest	Need material.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
66-38	L1449	Remove hydrogen analyzer H ₂ IAN-66-60 from the off-gas to the stack	1		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
66-41	L1456	Add flow indicators to certain valves to indicate packing leakage			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
66-42	L1581	Replace fans in panel 25-97.			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
66-16	M-164 WP 3395 WP 3393	Add off-gas treatment building	1		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
66-34	ER2-380 MCR 673	GE associated changes relating to ECN M9A on pnls 9-8, 9-20.	2		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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67-12	ECN L1333 WP 2985	Add restraint No. 57 in EECW U-2 (No. 5B in U-3 to reduce vibration of system) COMPLETE	2	DEC Mech	Vendor			Assd.		3F	2	Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
67-11	MCR 116 L1083	Eliminate water drainage on EECW valve operator controls to radwaste	2	DEC	Vendor			Assd.				Retest	Replace 67-50, 51 with a 2-way solenoid valve - should be done before restoring from SAR
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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								Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	
68-30	ER2-264 WP 2509 MCR 293	Install pressure gage snubbers in jet pump diff. gages	3	DEC I&C	Vendor DED Site		Comp	Assd. Prepd. Appd.	2F	1	Retest SWP Clear	WP to DPP
68-36	189/87000-1 ECN 1405	Change orifice plate on scoop tubes (MG set) to allow one oil pump operation	2	DEC Mech	Vendor DED Site			Assd. Prepd. Appd.	2F	1	Retest SWP Clear	Material available.
68-6	WP 1544C RFLJ R1 M621 L1171 MCR 214 WP 2986	Replace Peeco flow switches FS-68-53, 66, 62, 74, 55, 68 WP 3956	1	DEC I&C	Vendor DED Site			Assd. Prepd. Appd.	2F 2E 2IM	4	Retest SWP Clear	COMPLETE
68-11	L1070 MCR 61 WP 2890	Reactor drains and vents - add means to vent vessel when filled with water	1	DEC Mech	Vendor DED Site			Assd. Prepd. Appd.	3F	1	Retest SWP Clear	Material not here
68-12	MCR 127 WP 1531H	MG sets - modify fluid coupling air filter	3	DEC Mech	Vendor DED Site			Assd. Prepd. Appd.			Retest SWP Clear	If go to one oil pump operation we won't need to change filter (189/87000-1) Need DED safety review.
68-39	ER2-352 MCR 567 L1412	Circuit change. Bailey drive lockout reset circuit	2	DEC	Vendor DED Site		Comp	Assd. Prepd. Appd.	2EL	1/2	Retest SWP Clear	Need ECN to pick up spare cables from 9-3 to 25-23 and 25-24

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

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					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
68-28	MCR 314 ECN L1213 ER2-287R1 MCR 267 ECN L1365	Bailey Drives - add interposing relay and diode arc suppressors	2	DEC I&C H. Knight	Vendor		Comp	Assd.		2E	1			Retest SWP Clear	
68-33	RFKD	ATWS wiring changes	1	DEC/GE Elect	Vendor		Comp to TVA	Assd.		2E	1			Retest SWP Clear	Need MCR Complete except need to replace temporary relays Doug Schean to check
68-34	ER2-319C	Change contact block on recirc reset switch on panel 9-4 COMPLETE	1	DEC	Vendor			Assd.						Retest SWP Clear	COMPLETE 1/13/75
68-37	ER2-340 MCR 508	Change out recirc spread control amp circuit	1	DEC I&C H. Knight	Vendor		Comp	Assd.		1EL	1/2			Retest SWP Clear	Need work plan.
68-38	ER2-347 MCR 525 L1426	Replace Barton 2-3-52B & D with Ashcrofts	2	DEC I&C	Vendor		5/10	Assd.		2IM	1			Retest SWP Clear	
					Vendor			Assd.						Retest SWP Clear	

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					Organiza-tion	Date/Document			Date	Number of Men/Craft	Number of Shifts			
68-35	MCR 521 WP 3011	Install flanges on cooling water lines on MG sets COMPLETE	3	BFNP	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
68-40	ER2-372 MCR 632	Remove breaker interlocks between MG set oil pumps	2	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
68-42		Install protection against recirc pump missiles	3	DEC	Vendor			Assd.					Retest	Letter J. E. Gilleland to J. F. O'Leary 2/13/75.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
68-41	L1328	Addition data sheet received after ECN signed off by DEC. See U2-68-31 & 32	3		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
68-19		Add uncoupling modification to recirc pump coupling	2		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts			
69-17	MCR 391 ECN L1329	Provide over-ride for isolation signal from TE-69-11	3	DEC Elect	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
69-18	MCR 576 WP 3008	Remove P.L.O. from FCV 69-12 (locally approved). COMPLETE	2	BFNP	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
69-7	ECN 1015 WP 3504	Install test connections RWC COMPLETE	1	DEC	Vendor			Assd.		3F	2		Retest	Need DED safety review. COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
69-20	L1525	Add enclosures around the sample stations per MCR 608 (RWC sample station)			Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

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BFSP UNIT 2

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					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
70-2	Preop GE-15 Exc. 3	After unit 3 - RBCCW system is completed. Lift interface hold tags and comp. preop data sheet 9-2.	1		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

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					Organization	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. of Comp.			
71-7	ECN 1017 WP 3270	Install test connection between existing RCIC valves 71-14 and 71-580 also 71-32 and 71-592	1	DEC J. Robinson Mech	Vendor			Assd.		2F	2			Retest	Need FDDR for P&ID change COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
71-18	L1468	Remove turbine steam ring drain piping and plug turbine connection. This is to agree with Terry Turbine Co. dwg. D-6089 (Connec. C-3)	3		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	



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Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

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					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
73-7	ECN 1078	Add test wells to lube oil cooler piping	2	DEC Elect Mech	Vendor			Assd.					Retest		
					DED			Prepd.					SWP		
					Site			Appd.					Clear		
73-16	ECN 1021 Ref L1025 WP 3533	Add test connections near valve 73-609, also between 73-23 and 73-603	1	DEC J. Robinson	Vendor			Assd.		3F	2		Retest		Need FDDR for P&ID
					DED			Prepd.					SWP		COMPLETE
					Site			Appd.					Clear		
73-23	1137 3467	Delete 2" vacuum breaker inside torus on HPCI exhaust line and change check to spring loaded check	1	DEC	Vendor			Assd.		3F	2		Retest		May be completed - J. Robinson to check
					DED			Prepd.					SWP		
					Site			Appd.					Clear		
73-34	L1375	Install PCV 73-43 in series with PCV 73-41	2	DEC Mech	Vendor			Assd.		3F	2		Retest		J. Robinson to push DED for details
					DED			Prepd.					SWP		Need data sheets and drawings
					Site			Appd.					Clear		
73-31	ER2-345 MCR 468 L1360 WP 2594	Install sump pump and reset relief valve	2	DEC	Vendor			Assd.					Retest		Need pump
					DED			Prepd.					SWP		
					Site			Appd.					Clear		
73-33	ER2-339 MCR 507	Panel 9-3 Topaz inverter fuse eng. HPCI	1	DEC	Vendor		Comp	Assd.		1EL	1/2		Retest		HPCI outage required
					DED			Prepd.					SWP		U1-818
					Site			Appd.					Clear		

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					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
73-35	ER2-305 MCR 350 L1430	HPCI turbine trip - modify stop valve	1	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp. Comp.			
74-7	L1444 LM200 WP 3834 3894	Add chromate water transfer pump and head tank	3	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
74-20	MCR 189 L1163	Add grab sample points on RHR system	3	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
74-31	MCR 513 L1386 WP 2764	Add unions in inlet & outlet EECW lines to RHR pump seal heat exchanger	3	BFNP	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
74-33	L1339 ER2-331 WP 3612	Provide separation between torus vent header inboard and outboard initiation relay contacts	1	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
74-35	L9001 WP 3081	Support valve vents and test connections on FCV-74-52, 53, 66, 67	1	DEC	Vendor			Assd.						Retest	WP in Hold
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
74-36	MCR 427 L1394 ER2-301 WP 3541	Revise welds at motor operator adapter plate on FCV-74-58 and 72	1	DPP Chatt.	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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74-27	MCR 443	Stiffen valve installations on vents, drains, and test connections so that the natural frequency of the system is above 50 HZ	1	DEC	Vendor DED Site		Assd. Prepd. Appd.	4F	10	Retest SWP Clear	What valves? Awaiting action after completion of vibration test Need ECN
74-28	MCR 444 L1316 DDN-191 ER2-301 WP 3084	Provide spring hanger to support dead weight of 74-58 and 74-72 valve operators	1	DEC	Vendor DED Site		Assd. Prepd. Appd.	3F	2	Retest SWP Clear	COMPLETE
74-29	MCR 442/ MCR 470 ER2-344 ECN L1377 WP 2993	Provide threaded pipe couplings to join the RHR pump discharges to cyclone separator supply lines, schedule 160 nipples	1	DPP-BFNP	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	
74-30	MCR 462 L1318 MCR 445 WP 2459 WP 2994	Remove seat drain line containing valves 74-713B and 74-714B below seat drain valves from FCV 74-71 and plug and backweld in valve body. Do same for 74-713A & 74-714A on 75-57.	1	DPP-Chatt.	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	DPP to furnish plugs, Need FDDR for P&ID change?
74-32	128/87000-1	Head cooling spray nozzle Replace 24 nuts.	1	DEC	Vendor DED Site		Assd. Prepd. Appd.			Retest SWP Clear	Material on site. See Campbell. Refueling outage item.
74-4 74-5	ECN 1016 WP 3534	Add test connections RHR systems	1	DEC J. Robinson Mech	Vendor DED Site		Assd. Prepd. Appd.	4F	3	Retest SWP Clear	Need FDDR for P&ID change. COMPLETE

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
74-11	1023 CR 217 WP 1974C RFIF Ref. L1035	Add a tee in process instrument lines at local panel to facilitate surveillance testing COMPLETED 4/10/75	1	DEC	Vendor			Assd.						Retest	Jack Caulk to push completion COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
74-37	L1473	Install new type disc on RHR angle valves FCV-74-52 and 66	1	DEC	Vendor			Assd.						Retest	Modify one valve per unit to see if successful
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
74-39	L1462 WP 3343	Install restraint and orifice in discharge into torus	1	DEC/Summers	Vendor			Assd.						Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
74-26	ER2-282 MCR 338	RHR heat exchanger gasket	3	DEC	Vendor			Assd.		Fitters				Retest	Change out only if they leak
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
74-18	ER2-334 MCR 590	Install capacitors to T&P computer board	3	BFNP	Vendor			Assd.		2IM	1			Retest	Need ECN COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
74-38	ER2-284 R3 MCR 423	RHR marker plate change	3	DEC	Vendor			Assd.						Retest	Need ECN
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Comp.		
74-34	L1359 REF: ER3-296 & ECN 1187	Electrically sepearate unit 3 RHR from units 1 & 2 RHR per FDDR ER3-296	1		Vendor				Assd.					Retest	COMPLETE
					DED				Prepd.					SWP	
					Site				Appd.					Clear	
74-40	ER2-371	Change RHR to minimum flow	3		Vendor				Assd.					Retest	
					DED				Prepd.					SWP	
					Site				Appd.					Clear	
74-41	L1383 MCR 346	Add additional isolation valve to back up existing FCV 74-46 valve (manual valve)	3		Vendor				Assd.					Retest	
					DED				Prepd.					SWP	
					Site				Appd.					Clear	
74-42	L1526	Reroute 2" vent lines	2		Vendor				Assd.					Retest	
					DED				Prepd.					SWP	
					Site				Appd.					Clear	
74-43	L1541	Add LPCI fix to unit 2 per ECN	1		Vendor				Assd.					Retest	
					DED				Prepd.					SWP	
					Site				Appd.					Clear	
74-44	L1599 WP 3908	Add braces to RHR pump test line restraints	1		Vendor				Assd.					Retest	
					DED				Prepd.					SWP	
					Site				Appd.					Clear	



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					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
75-15	ER2-374 ECN M92 MCR 634 WP 3520	Wire changes to panels 9-32 and 9-33	2	DEC	Vendor			Assd.						Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
75-16	ER2-250 MCR 421	Modify CAM/CAD equipment	2	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
75-17	L1455 WP 3342	Add orifice and restraint on discharge into torus	1	DEC	Vendor			Assd.						Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
75-14	L1470 WP 3580 3825	Install mirror insulation on uninsulated CSS, RHR head spray and CRD return lines	2	DEC	Vendor			Assd.						Retest	Need ECN
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
75-13	ER2-253 R0 R1, R2 MCR 277C MCR 408	Install time delay relay in annunciator	2	BFNP Elect	Vendor			Assd.						Retest	MCR 277 Complete
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
75-3	1002 WP 3535	Install test connection near valve 75-27; also near 75-55 and near valves 75-53	1	DEC	Vendor			Assd.						Retest	Material Need FDDR for P&ID change COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
76-3	ECN M647 WP 3206 3581, 3531, 3773, 3770, 3581 R1 WP 3482	Supply calibration air to O ₂ -H ₂ monitors. New O ₂ H ₂ monitoring system.	1	DEC Mech	Vendor			Assd.				Retest	Material whse 6 bin 19 and 20
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
76-10	L1422 MCR 527 WP 3781	Move CAM from el. 565 to el. 593. Locate moisture trap in sample lines at lowest point	1		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
76-11	L1540 MCR 599	Add FCV 74-24 to those listed in DPP change request 262. (Change circuit on valves so they can be opened with mode switch in run mode	1		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
76-12	L1590	Add seismic mounting brackets for H ₂ and O ₂ sensors in torus	1		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
76-13	L1584 WP 3481	Provides for primary containment penetrations for H ₂ and O ₂ sensors of CAM system.	1		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY
BFNP UNIT 2
OUTAGE PLANNING LIST

REV General DATE 1/20/76

WORK AREA Modifications
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
77-6	WP 1725C ECN M31A WP 3347, 3284, 3574, 3854	Radwaste evap. building	2	DEC Mech	Vendor DED Site			Assd. Prepd. Appd.				Retest SWP Clear	WP 1725 - completed inst. of 2" PSC drain to radwaste hot line not run
77-7	ECN M32	Future radwaste additions	2	DEC Mech	Vendor DED Site			Assd. Prepd. Appd.				Retest SWP Clear	Civil work is completed 4/19/74 See U2-77-14
77-13	ER2-321 MCR 456	Radwaste marker plates Relocate flow integrators FQ 77-16 and FQ 77-6 in panel 9-4	3	DEC Elect	Vendor DED Site		Comp	Assd. Prepd. Appd.	1E	1/2		Retest SWP Clear	Need drawing
77-5	ECN E162	Redraw connection diagrams for panel 25-12 and 25-17 to eliminate confusion between GE and TVA drawings	3	DEC	Vendor DED Site			Assd. Prepd. Appd.				Retest SWP Clear	Drawing change only COMPLETE
77-14	MCR 434 L1423	Install larger size piping as determined by DED	2		Vendor DED Site			Assd. Prepd. Appd.				Retest SWP Clear	See 2-77-7
77-15	MCR 553 L1545	Add throttle valve to regu- late drywell FD & equipment sump pump flow rate per Design condition in order to deter- mine excessive leakage in drywell			Vendor DED Site			Assd. Prepd. Appd.				Retest SWP Clear	

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
78-3	RFJW ER2-143 ECN M704	Fuel pool cooling - resolve FDI RFJW	2	DEC Elect	Vendor			Assd.						Retest	RFJW - complete ER2-143 - complete COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
78-8	L1458 WP 3238	Change low and high level alarm switches on fuel pool	1	BFNP	Vendor			Assd.						Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
78-7	ER2-182 R1 MCR 207	Contact change panel 25-15	3	DEC	Vendor		Comp	Assd.		1EL	1/2			Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	



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Priority Codes:

1. Must Be Done
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
79-7	SIL-109 MCR 598 LI465	Provide positive indication for engagement of refueling platform grapple	1	BFNP	Vendor			Assd.				Retest	Dwgs and material being prepared by San Jose - Heebner need MCR Req's 28004D Material expected 9/15/75
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
79-11	SIL-120 MCR 602 BF 75M4	Drill and install pin in lock nut on mast hoisting cable	1	BFNP	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
79-8	SIL-125 MCR 640	Install grapple hook locking tab	2	DPP/WAR BFNP	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
79-6	SIL-119 MCR 604	Modify refueling platform fuel grapple manual release bail	1	DEC	Vendor			Assd.				Retest	COMPLETE 5/22/75
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
79-12	SIL-122 MCR 638	Make modification to refueling platform to ensure alignment	1	BFNP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
79-2	LI063 CR 254 WP 1466	Add seal on dryer/separator storage pool. Also modify lifting eyes on shield plugs	1	DEC	Vendor			Assd.				Retest	Mod. on lifting eyes COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
79-9	MCR 651 WP 3241	Install underwater TV camera to assure fuel grapple closure	1	BFNP	Vendor			Assd.				Retest	During defueling operation COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
79-13	MCR 642	Modify counter and main shaft drive sprockets and air lines on frame mounted hoist	1	BFNP	Vendor			Assd.				Retest	DEMBF73M18
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
79-14	MCR 643 SIL-56	Modify the depth indicator on refuel platform	1	DPP BFNP	Vendor			Assd.				Retest	DEMBF74M7
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
79-3	ECN L1144	Revise drawing to make spent fuel cask tie down compatible with the cask Drawing 44N348R1	3	DEC Mech	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
79-18	MCR 663	Install filters in air supply to refuel platform hoists and grapple	1	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
79-17	MCR 680 ER2-392	Modify dryer/separator sling to give additional clearance	1	Chatt.	Vendor			Assd.				Retest	Accomplish before fuel reloading
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals			Procedure	Activity	Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document	Parts/ Nat'l Status			Number of Men/Craft	Number of Shifts			
79-16	MCR 650	Refueling platform modifications per DPNBF7305	1	BFNP	Vendor			Assd.					Retest	GE letter OER 1016
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
79-19	MCR 731 WP 3969	Plug existing 129 bypass flow holes in bottom core plate.		DPP	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
79-		Drill holes in lower tie plate on fuel bundle			Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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TENNESSEE VALLEY AUTHORITY

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
80-8	L1443	Increase drywell blower blade pitch angle	2	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
80-9	ER2-383	Wire changes in panel 9-3	3	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
80-10	MCR 588 ER2-358	Add pulse relay to TR-80-1 to prevent false alarms during print cycles	3	DEC	Vendor			Assd.		2E	1			Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

Priority Codes:

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WORK AREA Modifications
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts			
82-6	ECN L1207	Delete and reroute cables to reduce unnecessary cables in panels 25-46A, B, C, & D	1	DEC Elect	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
82-1	MCR 405 RFHB L1278 ER2-198 M95	Change out HS-57-29 (9-8)	2	DEC	Vendor			Assd.		2E	1/2		Retest	See 57-6
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
82-8	ER2-399	Remove name plates on diesel generator main control board panels 5 & 8	3		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

OUTSIDE BUILDING LIST

Activity	Division	Approval		Procedure	Activity Duration	Number of	Class	Language	Register
		Number	Value						
1	1	1	1	1	1	1	1	1	1
		2	2	2					
		3	3	3					
2	2	1	1	1	2	2	2	2	2
		2	2	2					
		3	3	3					
3	3	1	1	1	3	3	3	3	3
		2	2	2					
		3	3	3					
4	4	1	1	1	4	4	4	4	4
		2	2	2					
		3	3	3					
5	5	1	1	1	5	5	5	5	5
		2	2	2					
		3	3	3					
6	6	1	1	1	6	6	6	6	6
		2	2	2					
		3	3	3					
7	7	1	1	1	7	7	7	7	7
		2	2	2					
		3	3	3					
8	8	1	1	1	8	8	8	8	8
		2	2	2					
		3	3	3					
9	9	1	1	1	9	9	9	9	9
		2	2	2					
		3	3	3					
10	10	1	1	1	10	10	10	10	10
		2	2	2					
		3	3	3					

Priority Codes:

1. Must Be Done
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3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

BFNP UNIT 2

OUTAGE PLANNING LIST

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WORK AREA Modifications

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
84-2	MCR 221 M408 RFL ER2-250 RO, R1 L1189	CAM/CAD - Panel 9-3, 9-18, and 9-19 WP 3820, 3477, 3769, 3861	1	DEC Mech Elect	Vendor			Assd.				Retest	Need SR on ECN M408 GE material complete. Need FDDR. J. Robinson to send down Sloan ECN. Need FDI drawings
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
84-3	T27 Comp. Item 200 First	Preop deferred - CAD system.	1		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

BFEP UNIT 2

OUTAGE PLANNING LIST

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WORK AREA Modifications
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
85-25	L1180 RFLR-C	Mod. to prevent possible oscillation in rod sequence control system COMPLETE	1	DEC	Vendor			Assd.						Retest	COMPLETE 5/6/74
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
85-29	MCR 323 MCR 324 L1299 WP 3528	Move existing scram pilot in header filters to inlet side of pressure regulator PCV-85-59-60	1	DEC	Vendor		Vlv. 4/25/75	Assd.						Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
85-31	RFLZ ER2-329 MCR 454 WP 3738 WP 5004	Group Notch Control	1	DEC I&C G. Anderson	Vendor		N/A	Assd.		2IM	1/2			Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
85-28	RFMC L1270 MCR 404 WP 3016 WP 5004	Rod notch panel transistor and resistor change out on notch page	1	DEC/GE W. Brown J. Calk I&C	Vendor		Comp	Assd.		2IM	6			Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
85-30	RFLZ L1301 WP 3002	Rodworth Minimizer	1	DEC/GE W. Brown J. Calk I&C J. Ferguson	Vendor			Assd.		2E	1			Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
85-40	MCR 659	Install Δ P gauge across suction filters on CRD pumps	2	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	



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TENNESSEE VALLEY AUTHORITY

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WORK AREA Modifications
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/ Mat'l Status	Procedure		Activity Duration	Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft		Start Est. Comp.	Number of Shifts		
85-36	L1437 WP 3772C	Use contacts on scram relay to provide digital inputs to computer	3	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
85-37	L1472 WP 3848	Add redundant instrumentation on CRD scram air supply bypass	2	DEC	Vendor			Assd.					Retest	See L1299 for reference Field complete per Al Cooke.
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
85-34	REQH RFMM RFMK WP 3526 WP 5004	Group notch control relay addition	1	DEC	Vendor			Assd.		2IM			Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
85-33	RFMH L1391	Rod position information cable interlocks	3	DEC I&C	Vendor		Comp	Assd.		2EL	4		Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
85-27	RFMD L1271 MCR 410 WP 3017	Group notch control page	1	DEC/GE W. Brown J. Calk I&C	Vendor			Assd.		2IM	1		Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
85-10	ECN 1019 Ref. L1020 WP 3315	Install test connection between valves 85-50 and 85-573	1	DEC	Vendor			Assd.					Retest	Material Need FDDR for P&ID change COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	



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TENNESSEE VALLEY AUTHORITY

BFEP UNIT 2

OUTAGE PLANNING LIST

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WORK AREA Modifications

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
85-38	L1354 ER2-222	Revise cabling in accordance with FDDR's 2-222 3-203	1	DEC Henrich	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
85-35	ER2-375 MCR 633	Mod rod sequence control to interrupt the 28V DC feed to rod notch page on loss of the 5V DC	1	DEC Henrich	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
85-32	MCR 547 WP 3062	Locate an access ladder from CRD polar platform to lower elev.	2		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
85-41	ER2-395 WP 3958 WP 5004	Increase conductors size to decrease voltage drop on wiring for 5V DC supply to rod sequence controls to prevent erratic operation	1		Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
85-42	MCR 694 WP 3750	Modify CRD service platform per DPMBF74M6	3		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
85-44	WP 3959 WP 5004	Install two wires missing from original productions from group notch page			Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

Priority Codes:

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TENNESSEE VALLEY AUTHORITY

DEFENSE UNIT 2
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts			
90-37	REME MCR 473 L1357	CAM system install pressure transmitters	1	DEC Elect	Vendor		4/15	Assd.		2 Fitters 2 EL	1		Retest	See 90-27 (U-2).
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
90-27	RFME MCR 473 ECN L1357 WP 3745	CAM - relocate pressure transmitters 16-48A and 16-48B from racks 25-5 and 25-6 to locally mounted instrument	1	DEC I&C	Vendor			Assd.					Retest	COMPLETE
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
90-23	RFLX L1237	Area radiation monitor Revise internal ckt to decrease amplitude variation and improve recorder indicated accuracy	3	GE - Calk	Vendor		Comp	Assd.		2E	4		Retest	Need FDI drawings
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
90-28	ER2-327 MCR 474 L1389	Ann Chg. - Stack gas sample Separate sample line heater annunciation contact from the common abnormal flow annunciation	3	DEC Woody Wright I&C	Vendor			Assd.					Retest	TVA material
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
90-7	ECN LM623 WP 3304 3556	Building vent exhaust radiation monitoring system. Add a mini-computer to control radiation monitoring system	1	DEC/DPP I&C J. Ferguson	Vendor			Assd.			21 mos.		Retest	Commitment to NRC to have operational 8/1/75. Approx. 150 cables
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
90-34	ER2-359 MCR 617	Relocate transmitters on panels 25-5-001 and 25-6-001	3	DEC	Vendor			Assd.		2F 2IM 2E	2		Retest	To NGB 4/21/75 Need ECN
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

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					Organization	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
90-33	ER2-291 MCR 629 WP 3717	Offgas modification per TVA request	1	DEC	Vendor			Assd.						Retest	Need ECN COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
90-30	MCR 612	Fabricate access holes in NMS circuit	2	DPP BFNP	Vendor			Assd.		2IM	5			Retest	Locally approved
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
90-13	M627 M152 RFGI	Change annunciator, fuse, and terminal blocks	1	DEC	Vendor			Assd.						Retest	See 66-3
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
90-25	MCR 379 L1300	Add slave chart for drywell air monitoring	2	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
90-31	MCR 550 L1438	Install a CAM at the entrance to off-gas cubicle in turbine building	2	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
90-35	MCR 667 L1560	Install PCV on off-gas radiation monitoring system (between PC-90-274 & 277)	3	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

Priority Codes:

1. Must Be Done
2. Desirable To Be Done If Manpower & Time Permits
3. Can Be Delayed

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
90-21	MCR 236 & 237	On each msl log-radiation monitors (4) change R (82) from 150-K to 480-K ohm, 1/2 watt.	1	DPP	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
90-22	MCR 337 L1273	Provide heating element and insulate lead shielded chambers on drywell continuous monitors, RM-90-256	3		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
90-24	MCR 393	Add loud unique-sounding alarm to channel 90-23 at the field alarm unit	2		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
90-36	FMR 2-012	Hand switches 17A-510 & 511, modify wiring in panel 9-53			Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

Priority Codes:

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TENNESSEE VALLEY AUTHORITY

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
92-18	G-25F	Preop Deferred Off-gas Post. Treatment Monitoring	1		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
92-19	DDN 118 & 122	Resolution of TIP proximity switch requirements	1	DPP	Vendor			Assd.				Retest	Associated with 2-92-33
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
92-26	CR 145	Install test jacks on output side FQ 68-5 and FQ 68-81 - flow bias trip	3	DPP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
92-27	MCR 569 WP 3063	Cut out top portion of each drive mechanism cabinets to make removable cover for easy access	2		Vendor			Assd.				Retest	Field work completed
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
92-35	RFMT L1506	Modification to the WRM (MSV) test fixture	3		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
92-20	MCR 489 L1347 RFLH	Modify flux amplifier boards flux probing monitor	1	DEC	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
92-34	MCR 628 ER2-373	Change resistors on TIP drive system	2	DEC	Vendor			Assd.						Retest	Not Needed for Restart
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
92-30	ER2-369 MCR 165 R1	Neutron monitoring IRM's - add shielding beads	2	DEC	Vendor			Assd.		2IM	2			Retest	Need ECN
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
92-29	ER2-353 MCR 560	TIP DCCU Lamp Dimmer	3	DPP-Keatley GE-Herz DEC I&C Keatley	Vendor			Assd.		2IM	1			Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
92-23	RFMB MCR 403 L1289 WP 3018	Add resistors to LPRM projection lamps	3	DEC I&C Herz Anderson	Vendor		Comp	Assd.		2IM	1/2			Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
92-22	RFMA MCR 383 L1256 WP 2447	TIP ball valves COMPLETE	1	DEC	Vendor			Assd.						Retest	COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
92-31	MCR 572 ER2-356	SRM & IRM drive adapter	1	DPP-Anderson GE-Herz DEC I&C Anderson	Vendor			Assd.		2IM	3			Retest	Material available
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals			Procedure	Activity	Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document	Parts/Nat'l Status						
92-33	ER2-368 MCR 619	Add TIP proximity switch.	1	DEC	Vendor			Assd.	2E 2F	5		Retest	To NGB 4/22/75
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
92-32	ER2-360 MCR 618	Change resistors in IRM voltage preamps - WRM (MSV) amp atten. card	1	DEC I&C	Vendor			Assd.	2IM	2		Retest	To NGB 4/22/75
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
92-36	MCR 682 ER2-382	Install a 50 pEd +5% CPR, GE part number 107C5488P15 between the junction of C21 & R49	3		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
92-37	RFMR	TIP system change - replace mechanical limit switch on chamber shield with a proximity detector	2	DEC	Vendor			Assd.				Retest	Associated with 2-92-33
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
92-38	MCR 654	Install 3-30 mill spacers between TIP ball valve solenoid rotor & plate	2		Vendor			Assd.				Retest	Not necessary for restart
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
92-39	FMRZ-002	TIP chamber shield guide tube replacement - replace existing slotted guide tube with a non-slotted piece		DEC	Vendor			Assd.				Retest	Associated with 2-92-33
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
92-40	FDI-RFMS	Install and connect the hard-well necessary to replace the mechanical limit switch on the chamber shield with a proximity detector. Work with RFMR		DEC	Vendor			Assd.					Retest	Associated with 2-92-33
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

Priority Codes:

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
111-7	L1079 WP 3305	Install electric hoist over condensate demin	3	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
111-4	ECN C13 MCR 158 WP 1858C 3382	Install jib crane at '621 el. for handling CRD transportation carts COMPLETE	1	DEC Mech	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
111-10	MCR 613	Modify monorail over MSRV 1-4 and 1-5 COMPLETE	2	BFNP	Vendor			Assd.				Retest	Locally approved. COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
111-8	WP 2830	Thurston brake motor replacement 180-ton overhead crane turbine building	3		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
111-11	L1509	Revise wiring to remove 480V from 180-ton turbine building crane controls			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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TENNESSEE VALLEY AUTHORITY

BFEP UNIT 2

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Item No.	Supporting Document (IR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
202-1	ECN 1094 WP 2377 WP 3694	Addition of HDO switchgear to existing unit boards	2	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

Priority Codes:

1. Must Be Done
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3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

REFP UNIT 2

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Item No.	Supporting Document (IR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts			
210-1	L1376	Install lockout bus tie board breaker	1	DEC	Vendor			Assd.					Retest	Must be installed before U-3 can be brought on line
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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3. Can Be Delayed

TENNESSEE VALLEY AUTHORITY

DEFP UNIT 2

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
211-2	DDN-142 3517	Replacement parts purchased from GE for HDO switchgear NIM 1.5.2.3.B(1) Catalog#673B515-857-02	2		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts			
236-1	Transfer Exception	Main transformer 2C has instrumentation error on winding temperature readout	3		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
236-2	Transfer Exception	Need name plates installed: phase A - main name plate with serial no., phase 3 - B (NP) for CT or oil level phase C - (NP) for CT or oil level	3		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
244-3	L1327	Install speakers and repeat coils in paging system	3		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
244-5	MCR 479	Add telephones near panels: 25-115, 25-56, 25-5, 25-6	3		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
244-7	L1436	Change connection on last trunk busy selector and add MDF protector connections	3		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
244-8	MCR 696	Install PAX phone in CRD repair room, el. 621.	3		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
244-9	L1524	Add a touch tone coder to the wire chiefs wire set			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	End Est. Comp.		
247-9	L1297 MCR 274 WP 3085	CRD repair room lighting	3	DEC Elect	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
247-8 247-10	L1254 L1414	Control bay lighting additions	3	DEC	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
252-2	ER2-245 MCR-211	Add "A" transformer across unit preferred generators output. COMPLETE	1	DPP BFNP Elect	Vendor			Assd.				Retest	ER2-245 - COMPLETE COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration		Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date		Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.		
257-3	RFMN L1480 WP 3867	Replace reactor mode switch panel 9-5	1	DEC	Vendor		5/1/75	Assd.		2EL	3			Retest	GE to furnish material. Retest required. Need to install early to take advantage of retest COMPLETE
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

Priority Codes:

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
258-1	ECN 1113	Change the operation recording to English printout.	3		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
261-21	L1356	Recalibrate transmitters and revise coefficient conversion equations for plant computer analog inputs 2404 and 2405	3	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
261-22	RFMJ L1364 MCR 488	Modification to computer NSS program	1	DPP BFNP Ferguson	Vendor			Assd.		N/A		Retest	Need ECN
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
261-6	FDDR ER2-115 R5 MCR 203, 295	Ground shield wires at computer end for consistency for points 1651 and 1657	2		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
261-23	L1440 RFMO	FDI to improve the calculations of PCIOMR data by the process computer	2		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
268-1	L1166 DDN-188 WP 3904	Replace 120V AC coils in size 3 starters with 480V AC coils and aux. relays in 480V: RMOV, TMOV, DSI aux. boards.	3		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document			Date	Number of Men/Craft	Number of Shifts			
269-2	ECN 1053	Add 3 combination starters to 480V turbine MOV board 2C	3	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.	Comp.			
280-1	ECN E121	Revise battery board front electrical drawings and issue nameplate engraving lists	3	DEC Elect	Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft		Number of Shifts		
283-1	ER2-323 RO, 1, 2 NCR 439 WP 2704 L1354 WP 2704	Modify filter assembly 24-volt chargers	3	DEC Elect	Vendor		On Site	Assd.		2E	2	Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
327-2	E-23A	Flood control	2		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
329-2		Remove unit 2 transient recorder and cabling. Check with HJG for need. Call JRC. COMPLETE	1	DPP BFNP I&C	Vendor			Assd.				Retest	Check with DED on whether we need startup test COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Nat'l Status	Procedure		Activity Duration	Dates:		Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft		Start Est. of Comp.	Number of Shifts		
400-1	MCR 402 184/87000-1	Radiation sensors. Modify penetrations X-46, X-105A.	1	DEC	Vendor			Assd.		Fitters			Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
400-2	L1330	Move rolling ball contactor from hinge side of door to top to permit ease of wiring	3	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
400-3	L1372 1035 WP 3869, 3873, 3585	Provide plant security system for plant security doors	2		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
400-5	WP 3782				Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Parts/Mat'l Status	Procedure		Activity Duration	Dates: Start Est. Comp.	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
401-24	ECN L1057	Nameplate changes electrical equipment	3	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
401-2	ECN M91 ECN L1131	Main steam vault - revise drawing to facilitate installation of pressure panel	1	DEC Mech	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
401-7	WP 2008C MCR 193 ECN L1147	Reactor building - radiation control - install locked door to RWCU backwash transfer pump room	3	DEC Elect Mech	Vendor			Assd.				Retest	Cable pulled
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
401-3	MCR 1 L1133 3605	Add platform space to CRD equipment handling platform-drywell	3	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
401-27	MCR 660 L1497 WP 3327 3330	Provide penetrations in south wall for torus recoating equipment	1	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
401-26	L1310	Revise duct support roof flashing			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Corp.	Comp.			
401-25	L1542 ECN 1153 WP 3905	Postulated line break by protecting or relocating out-of-zone on influence	1		Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	
					Vendor			Assd.						Retest	
					DED			Prepd.						SWP	
					Site			Appd.						Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
404-2	MCR 622 WP 3314	Install access ladder from control bay elevator pent-house to top of elevator shaft	3	BFNP	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
404-1	Punch List Exception (92-404A-61)	Control bay structure aux. inst. room. no. 2, el. 593, complete ceiling and finish painting	3		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
404-3	L1553	Make control room doors bullet resistant			Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
					Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts			
411-14	MCR 554	Relocate ladders into condensate pump pit	3	BFNP	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
411-15	MCR 591 WP.2988, 3748	Install access steps over main turbine	3	BFNP	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
411-12	ECN L1093	Mechanical valve markers tabulation changes	2	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
411-13	ECN L1287	Revise doors to off-gas recombiner room	1	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
411-15	MCR 700	Install catwalk from el. 565 platform stair #3A across to condenser access platform.	3		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
411-3	ECN 1040	Access control in turbine building - move access control wall near recombiner room - add double doors	1		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	

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					Organiza- tion	Date/ Document		Date	Men/Craft	Number of Shifts				
428-1	ECN M151	Undercut door OG-2, OG-3, and OG-4 to provide air flow to rooms	3	DEC	Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
428-2	ECN M164	Add steel, revise anchor bolts, revise sump frames, etc.	3		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
428-3	ECN M165	Add pump foundations, anchor bolts, and embedded plates for ductwork and pipe supports	3		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
428-4	ECN 1102	Provide covering for access stairs to off-gas treatment building	3		Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	
					Vendor			Assd.					Retest	
					DED			Prepd.					SWP	
					Site			Appd.					Clear	

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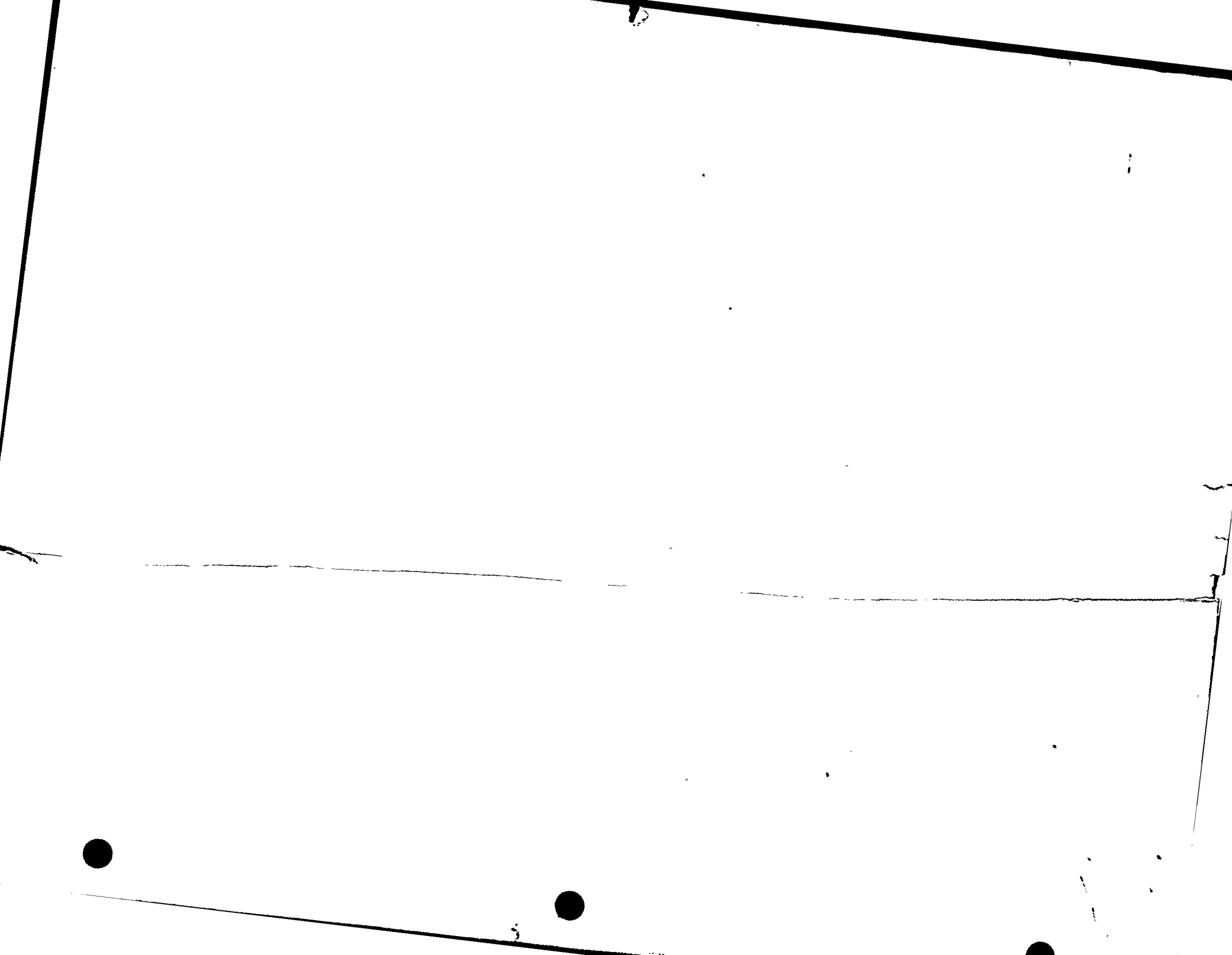
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Item No.	Supporting Document (TR, ECN, MCR)	Description	Priority	Division/ Person Responsible	Approvals		Patts/Mat'l Status	Procedure		Activity Duration	Dates:	Special Requirements	Remarks
					Organiza- tion	Date/ Document		Date	Number of Men/Craft	Number of Shifts	Start Est. Comp.		
433-19	L1325 MCR 497 WP 3401	Add guard rail on inner circle on top of torus	3	DEC	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.					
433-2	L1172	Add concrete shield wall on 2 additional penetrations on 593 elevation	1	DEC	Vendor			Assd.				Retest	COMPLETE
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
433-21	MCR 559 L1508 WP 3457, 3467, 3497	Eliminate torus penetration connectors. Replace penetration FA.	1	DEC	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
433-18	MCR 304 3460	Add mounting bracket for check light limit switch for suppression chamber on drywell vacuum breaker valve	1	DEC	Vendor			Assd.				Retest	No FDDR needed.
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
433-22	ECN L1433 FDI 196/ 87000-1 WP 3468, 3470, 3420	Modify MSRV tailpipes and supports and modify DW vent header supports	1	Chatt	Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	
433-23	L1539 WP 3797	Add 5 x 6 WWM between shield wall and drywell -includes 2 sides and top	2		Vendor			Assd.				Retest	
					DED			Prepd.				SWP	
					Site			Appd.				Clear	



Docket # 259
Updated 5/14/78
Revision to Report on
Design Basis - High Density Fuel
Storage System 12-5-77

ENCLOSURE 2

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DESIGN BASIS

HIGH DENSITY FUEL STORAGE SYSTEM AT BROWNS FERRY

1. Overall Description

This design basis and safety evaluation report considers the installation of high density, poisoned, fuel storage racks in the existing Browns Ferry spent fuel pools. The location of these pools is shown in FSAR Figure 1.6-2 and 1.6-11 (attached).

The existing spent fuel racks have a capacity of 1080 fuel assemblies per pool. The high density fuel storage racks will provide a capacity of up to 3471 fuel assemblies per pool.

These high density racks are a base supported modular design that will replace the existing fuel storage and control rod storage racks. Control rod storage will be provided by supplying twenty permanent storage locations in BF-1 and BF-2 and eighteen in BF-3, and an aggregate of 370 temporary storage locations. There will be five extra positions in each pool for storage of defective fuel. The arrangement of the high density fuel storage system for the pools is shown in Figures 1-1, 1-2, 1-3, and 1-4.

The high density module provides storage spaces for fuel bundles (without flow channels) or assemblies (with channels) on approximately 6.5 inch center to center spacing. There are two module sizes, 169 bundle (13 x 13) and 221 bundle (13 x 17). The pool capacity of 3471 fuel assemblies requires fourteen modules at 13 x 13 and five modules at 13 x 17.

Each fuel storage module is fabricated from fuel storage tubes, made by forming an outer tube and an inner tube of 304 stainless steel with an inner core of Boral* into a single tube. The outer and inner tubes are welded together after being sized to the required dimensional tolerances by a patented process. The completed storage tubes are fastened together by angles welded along the corners and attached to a base plate to form storage modules. Figure 1-5 shows a 13 x 13 module. Its overall dimensions are approximately 7 feet square and 14 feet high. A 13 x 17 module is approximately 7 feet by 9 feet by 14 feet high.

*Product of Brooks & Perkins, Inc. consisting of a layer of B_4C -Al matrix bonded between two layers of aluminum.

5-1-1



The base plate of each module is supported on all four corners by 2-inch thick foot-pads. The foot pads rest on 6-inch thick corner-support pads which in turn rest on the fuel pool floor liner. This raises the base plate of the module 8-inches above the floor of the fuel pool, allowing sufficient clear area to permit natural circulation of cooling water to the modules.

See Figures 1-6 and 1-7.

The new spent fuel storage system was designed to conform to the following criteria*.

- (1) General Design Criterion 2 as related to components important to safety being capable of withstanding the effects of natural phenomena.
- (2) General Design Criterion 3 as related to protection against fire hazards.
- (3) General Design Criterion 4 as related to components being able to accommodate the effects of and to be compatible with the environmental conditions associated with normal operation and postulated accidents.
- (4) General Design Criterion 62 as related to the prevention of criticality by physical systems.
- (5) Regulatory Guide 1.13 as it relates to the fuel storage facility design to prevent damage resulting from the SSE and to protect the fuel from mechanical damage.
- (6) Regulatory Guide 1.29 as related to the seismic design classification of facility components.

*General Design Criteria per 10 CFR 50, Appendix A (General Design Criteria for Nuclear Power Plants) and USNRC Regulatory Guides as noted.

2. Mechanical Structural

Appropriate modeling of the fuel storage module was developed for each structural component and mass values assigned over the height in eleven mass modes. The modules were combined into an idealized 8-module array and the pool wall was included to determine hydrodynamic mass effects. The modules were analyzed as a cantilever beam attached to a rigid base, using DYSEA, a GE-developed version (qualified level 2) of SAP-IV modified to derive loads in a water filled rectangular pool. These loads were derived for the horizontal and vertical accelerations specified in the General Electric BWR Systems Department seismic criteria document and were compared to the allowable stresses in the reference documents. The analysis indicates that the derived loads do not overstress the module.

Generic accelerations are those in GE Document 384WA137, Rev. 1, "BWR-6 Seismic Design Specification".

Table 2-1 compares the loads for the GE specified seismic accelerations at the module frequency of 12.17 hz with those for Browns Ferry.

Stress analyses were made by classical methods for both OBE and SSE conditions, based upon the shears and moments developed in the finite-element dynamic analysis of the seismic response. These values were compared with allowable stresses referenced in ASME Section III, Para. NF (Table 2-2).

Additional analyses were then performed to determine the dynamic frequencies, earthquake loading reactions and internal forces in critical module and support system. After conservative determinations of the dynamic characteristics of the module and support system had been developed, these results were used to develop the models for the sliding analyses and to develop additional module reactions and internal forces.

The force path in the module due to a horizontal earthquake is shown schematically in Figure 2-1. This figure shows the path of the horizontally-induced earthquake fuel element inertial forces from the fuel element to the module support pads. Part of the fuel element inertial forces induced by the motion of the module are transferred either through the water or directly to the tube walls perpendicular to the direction of motion (Point 1 in Figure 2-1). These walls then transfer the forces to the side tube walls, which carry the forces down the casting walls and into the fuel support plates (Point 2). The portion of the fuel element load which is not transferred to the tube walls is transferred directly to the fuel support plate at the point where the lower end fitting of the fuel element is supported vertically (Point 3). The fuel support plates, acting as a relatively rigid diaphragm, transfer the in-plane shear forces to the long casting walls, which then transfer the shear forces to the module base assembly plate (Point 4). The forces are carried in the plate (Point 5) until they are ultimately transferred to the module pad and to the support pad and the pool slab (Point 6).

The path of the vertical forces induced by earthquake motions is somewhat more complicated. Ultimately, the vertical forces caused by earthquake and gravity loads become axial forces in the module pads. The critical location for the compression forces from the module pads is in the long castings and tubes directly above the module pads; therefore, it is reasonable and conservative to assume that the compressive forces in the module pads are transferred uniformly to the four long castings and tubes directly above each module pad.

Preliminary finite-element analyses of the modules and support base were run to determine the module dynamic properties, which were used to develop an eleven-node fixed-base lumped-mass model. This was analyzed with and without the hydrodynamic virtual mass effects.

In order to model accurately the added mass effect of modules separated from each other and from the pool walls by relatively-small distances, a special treatment of this hydrodynamic mass effect was made.

The total mass matrix of each module for the analysis is equal to its structural mass matrix plus the hydrodynamic mass matrix. Conservative structural damping values are applied without any added damping due to fluid effects. The WATER-01 computer program, GE-proprietary, was used to determine the hydrodynamic mass of one rectangular body inside another rectangular body.

PROPRIETARY INFORMATION DELETED

Table 2-1

COMPARISON OF SEISMIC ACCELERATION LOADS: GE SPECIFIED VS BROWNS FERRY

OBE ($\beta = 0.02$)		($\beta = 0.02$)	
	Proprietary Information deleted	<u>BF 13 x 13</u>	<u>BF 13 x 17</u>
Vertical		0.07 + 1 Grav.	0.07 + 1 Grav.
Horizontal		0.165 g.	0.165g.
P 1b (down)		1.68×10^5	1.71×10^5
Mx, Z in-lb.		4.1×10^6	5.33×10^6
Vx, Z 1b		4.5×10^4	5.89×10^4
SSE ($\beta = 0.04$)		($\beta=0.02$)	
	Proprietary Information deleted	<u>BF 13 x 13</u>	<u>BF 13 x 17</u>
Vertical		0.13 + 1 grav.	0.13 + 1 grav.
Horizontal		0.33g.	0.33g.
P 1b (down		1.77×10^5	1.82×10^5
Mx, Z in-lb.		4.3×10^6	5.66×10^6
Vx, Z 1b.		4.8×10^4	6.25×10^4

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Table 2-2

---Comparison of Derived Loadings with Allowables

<u>Location/Type</u>	<u>Stress for OBE</u>	<u>Allowable for OBE</u>
Tube Side Lateral	5,368 psi	18,150 psi
Close Plate Lateral Bend	1,884	18,150
Close Plate Weld Bend	7,671	18,150
Tube, Local Shear at Bottom	3,165	11,000
Support Plate Bending	4,827	18,150
Support Plate Weld Bending	14,846	18,150
Support Plate Weld Shear	545	11,000
Bending of Fitting Lip	1,848	18,150
Bearing on Support Plate	854	24,750
Combined Compression on Tube Corner at Bottom	15,100	16,500
Combined Fitting Stress	4,886	16,500
Fitting to Base Weld	4,106	8,250 ⁽³⁾
Close Plate to Base Weld	4,185	10,000 ⁽¹⁾
Horiz./Vert. Shear in Tube Assy. Due to Bending	7,720	11,000
SSE		
Tube local instability at Bottom, Corner Tube	13,228 for SSE	13,822 ⁽²⁾ for SSE

NOTES

- (1) Allowable = $0.5 S_M$ per Fig. XVII-2211 (C) of Ref. 1 Page
 (2) Allowable = $0.67 \Gamma_{crit.}$ per Para. F-1370, Ref. 1 Page
 (3) Allowable = $0.3 S_y$ per Fig. XVII-2211 (C) of Ref. 1 Page

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TABLE 2-3 RESULTS OF NONLINEAR SLIDING AND TILTING ANALYSIS

Module/ Earthquake	Vertical Earthquake Component	Module Fuel Condition	Total Vertical Force (lbs)	Coefficient of Friction	Maximum Response			
					Sliding Displacement (in.)	Uplift Displacement (in.)	Shear Ratio(1)	Compression Ratio(2)
13 x 17 (13-tube direction)								
SSE	subtracted	full	144,810	0.10	0.65	0.000	2.26	1.00
SSE	subtracted	full	144,810	0.20	0.28	0.002	1.70	1.21
SSE	subtracted	full	144,810	0.33	0.14	0.018	1.21	1.41
SSE	added	full	189,240	0.33	0.18	0.015	1.15	1.33
SSE	none	one-half full (symmetric)	94,650	0.33	0.14	0.008	1.17	1.31
SSE	none	one-half full (unsymmetric)	94,650	0.33	0.37	0.040	1.24	1.35
SSE	none	empty	22,450	0.10	0.59	0.112	8.64	2.28
OBE	subtracted	full	155,840	0.10	0.136	0.000	1.50	1.00
OBE	subtracted	full	155,840	0.20	0.066	0.0001	1.37	1.06
OBE	subtracted	full	155,840	0.33	0.048	0.004	1.07	1.21
13 x 13								
SSE	subtracted	full	110,990	0.10	0.53	0.000	2.06	1.00
SSE	subtracted	full	110,990	0.20	0.23	0.002	1.56	1.16
SSE	subtracted	full	110,990	0.33	0.19	0.017	1.20	1.38
SSE	none	full	128,000	0.33	0.20	0.013	1.14	1.35
SSE	added	full	145,040	0.33	0.18	0.013	1.11	1.29

1. Shear ratio is equal to maximum shear force in module divided by maximum base shear force. (The latter is equal to coefficient of friction times total vertical force.)
2. Compression ratio is equal to maximum compression force on pool slab divided by total vertical force.

Fuel assembly drop accidents were analyzed. The results are summarized in Table 2-4.

Thermal loads were not included in combinations because they were negligible due to the design of the rack; i.e. the rack is not attached to the structure and is free to expand/contract under pool temperature changes. Under the cooling-water flow conditions specified for the design, the heat rise in the storage tube wall due to gamma heating is no more than 5°F and the maximum water temperature rise from bottom to top of a storage tube is 19°F. Since temperature-induced stresses are not additive from module to module, the temperature rises listed above apply a negligible stress on the module relative to the stresses for which the design was analyzed under the seismic conditions.

In accordance with regulatory guide 1.29, the high density fuel storage racks are designated seismic category I. Structural integrity of the rack has been demonstrated for the load combinations below using linear elastic design methods.

The applied loads to the rack are:

- (a) Dead loads which are weight of rack and fuel assemblies, and hydrostatic loads.
- (b) Live loads - effect of lifting an empty rack during installation.
- (c) Thermal loads - the uniform thermal expansion due to pool temperature changes.
- (d) Seismic forces of OBE and SSE
- (e) Accidental drop of fuel assembly from maximum possible height.
- (f) Postulated stuck fuel assembly causing an upward force of 1000 pounds.

The load combinations considered in the rack design are:

- (1) Live loads
- (2) Dead loads plus OBE
- (3) Dead loads plus SSE
- (4) Dead loads plus fuel drop.

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The loads experienced under a stuck fuel assembly condition are less than those calculated for the seismic conditions and have therefore not been included as a load combination.

Analysis was based upon the criteria and assumptions given as follows:

1. ASME Boiler and Pressure Vessel Code Section III, Subsection NF.
2. USNRC, Reg. Guide 1.92, Combining Modal Responses and Spatial Components in Seismic Response Analysis.
3. Final Safety Analysis Report, Seismic Design Criteria.

OBE - Operating Basis Earthquake
SSE - Safe Shutdown Earthquake

4. Seismic Analysis of the High Density Fuel Storage System Browns Ferry Nuclear Power Station - EDAC-134.17 (V5454-1).
5. Light-Gage Cold-Formed Steel Design Manual, 1961 Edition, American Iron & Steel Institute.

Acceptance criteria were based on:

Normal and upset (OBE) Appendix XVII, ASME, Section III.

Faulted (SSE) Para. F-1370, ASME Section III, Appendix F.

Local buckling stresses in the spent fuel storage tubes were calculated according to "Light-Gage Cold-Formed Steel Design Manual" of American Iron & Steel Institute in lieu of Appendix XVII, ASME, Section III, because of its applicability to these light-gage tubes.

Stresses due to seismic loading in the X, Y and Z directions are combined by the Square Root of the Sum of the Squares Method.

$$\Sigma \sigma = \sqrt{\sigma_X^2 + \sigma_Y^2 + \sigma_Z^2}$$

The analysis assumed that the total mass matrix for each storage module consists of the structural mass of the fuel and the module plus the virtual or added mass matrix (hydrodynamic mass) due to included and displaced water and its resistance to movement.

Added damping due to fluid effects were conservatively neglected.

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Virtual mass values were derived using WATER-01, a GE Proprietary, qualified level 2 computer program.

The base plate of each storage module is raised above the floor of the fuel pool sufficiently to permit natural circulation of cooling water flow to the modules.

3. Materials

Most of the structural material used in fabrication of the new HDFSS is type 304 stainless steel. This material was chosen due to its corrosion resistance and its ability to be formed and welded with consistent quality. The only material that is not 304 stainless steel employed in the structure is Waukesha-88, a high nickel non-galling alloy used to limit friction between the footpad and support pad. Boral* plates, used as a neutron absorber, are an integral non-structural part of the basic fuel storage tube. These plates are sandwiched between the inner and outer wall of the storage tube and are not subject to dislocation, deterioration or removal, deliberate or inadvertent. The inner and outer walls of the storage tube are welded together at each end, thereby isolating the Boral plates from direct contact with Spent Fuel Pool (SFP) water. At normal pool water operating temperature there is no significant deterioration or corrosion of stainless steel or Boral.

Specifications were developed specifically for the High Density Fuel Storage equipment which impose requirements to implement and follow accepted and proven industry standards during the design, procurement, fabrication, installation and testing of the storage system. Periodic audits of the various facilities and practices are performed by certified quality assurance personnel to ensure that these QA/QC requirements are being met. All welding and nondestructive examination (NDE) is done in accordance with ASME Boiler & Pressure Vessel Code and the American Society for Nondestructive Testing (ASNT) requirements.

Storage module components are assembled and welded in special fixtures to maintain a high degree of dimensional tolerance. Each storage position is checked with full length gauges to assure proper clearance between stored fuel bundles and storage tube walls.

To provide assurance that specification Boral* sheet is utilized during tube fabrication, a special quality control program is in effect at the manufacturer's facility. Samples of each Boral sheet are chemically analyzed to determine the B^{10} content. These data are evaluated to verify that the samples are statistically representative of the entire area of the Boral plate and that B^{10} content, at a 95% confidence level, meets or exceeds specification requirements. Analyses are also performed to establish the correlation between the B^{10} content and the thickness of the Boral sample. The Boral sheets are dimensionally inspected and the thickness data are statistically analyzed to verify the sheet meets the minimum thickness requirement over its entire area at a 95% confidence level. These thickness data are also compared with the correlation data to provide additional assurance that the B^{10} content meets or exceeds specification requirements. Before each piece of Boral is inserted into a tube assembly it is verified that each inspection has been successfully performed.

*Product of Brooks & Perkins, Inc. consisting of a layer of B_4C -Al matrix bonded between two layers of aluminum.

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Presence of the neutron absorber material in the fabricated fuel storage module is verified by dimensional inspection and by visual examination. Because the Boral plates are of a non-standard thickness, use of non Boral plates in assembly of fuel storage tubes will cause an obvious departure from specified dimensional tolerances. Deformed tubes are not accepted by inspection fixtures, or by fixtures used for assembly of a fuel storage module. The thickness of the individual tube walls which contain Boral plate is measured and recorded after tube assembly. These data are statistically analyzed such that the entire tube assembly population is uniquely identified. At the spent fuel pool site the thickness of a number of tube walls in the module assembly will be measured and recorded. These data will also be statistically analyzed such that the individual fuel storage module is uniquely identified. A statistical evaluation of these data will be performed to verify, at a 95% confidence level, that there is no significant difference between the individual tube data and the module data. This provides verification that the tubes in the module assembly are statistically equivalent to the tubes which were inspected and analyzed at the manufacturing facility. A visual inspection of each location requiring a Boral plate will be performed at the pool site. The outline of the neutron absorber plate is visible and its presence can be readily verified.

Acceptable results from the above inspections will ensure that each module assembly contains Boral plates consistent with the criticality design analyses.

Boral has corrosion resistant properties similar to standard aluminum sheet. Corrosion data and industrial experience confirm that aluminum and Boral have acceptable corrosion resistant properties* for the proposed application. Although experience indicates that it is unnecessary, an inservice test program will be conducted, consisting of periodically removing and examining samples of Boral plate which have been suspended in the storage pool.

Pool water quality will be maintained as specified in the BFNPS FSAR section 10.5.4. No changes to water quality are expected as a result of the planned modification to the spent fuel storage capacity (see section 3.1 of the environmental assessment).

*USNRC Safety Evaluation for Yankee Rowe, dated 12/29/76 page 4, Structural and Material Considerations.

