



Joseph A. Widay
Vice President
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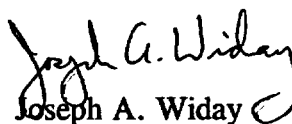
October 2, 2003

U.S. Nuclear Regulatory Commission
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Subject: Emergency Operating Procedures
R.E. Ginna Nuclear Power Plant
Docket No. 50-244

As requested, enclosed are Ginna Station Emergency Operating Procedures.

Very truly yours,


Joseph A. Widay

JAW/jdw

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Enclosure(s):

ATT Index
ATT-17.0, Rev 15

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STATUS VALUE(S): EF, QU

5 YEARS ONLY:

PRATT EOP ATTACHMENTS

PROCEDURE NUMBER	PROCEDURE TITLE	REV	EFFECT DATE	LAST REVIEW	NEXT REVIEW	ST
ATT-1.0	ATTACHMENT AT POWER CCW ALIGNMENT	003	02/12/2003	02/12/2003	02/12/2008	EF
ATT-1.1	ATTACHMENT NORMAL CCW FLOW	000	05/18/2000	05/18/2000	05/18/2005	EF
ATT-2.1	ATTACHMENT MIN SW	005	02/01/2001	02/03/2003	02/03/2008	EF
ATT-2.2	ATTACHMENT SW ISOLATION	008	03/06/2002	03/27/2003	03/27/2008	EF
ATT-2.3	ATTACHMENT SW LOADS IN CNMT	004	03/06/2002	12/31/1999	12/31/2004	EF
ATT-2.4	ATTACHMENT NO SW PUMPS	002	05/30/2003	10/31/2001	10/31/2006	EF
ATT-2.5	ATTACHMENT SPLIT SW HEADERS	000	06/26/2002	06/26/2002	06/26/2007	EF
ATT-3.0	ATTACHMENT CI/CVI	006	03/06/2002	01/06/1999	01/06/2004	EF
ATT-3.1	ATTACHMENT CNMT CLOSURE	004	03/06/2002	01/25/1999	01/25/2004	EF
ATT-4.0	ATTACHMENT CNMT RECIRC FANS	003	07/26/1994	03/27/2003	03/27/2008	EF
ATT-5.0	ATTACHMENT COND TO S/G	005	03/06/2002	12/31/1999	12/31/2004	EF
ATT-5.1	ATTACHMENT SAFW	008	05/30/2002	12/31/1999	12/31/2004	EF
ATT-5.2	ATTACHMENT FIRE WATER COOLING TO TDAFW PUMP	003	01/14/1999	01/14/1999	01/14/2004	EF
ATT-6.0	ATTACHMENT COND VACUUM	003	12/18/1996	02/03/2003	02/03/2008	EF
ATT-7.0	ATTACHMENT CR EVAC	006	03/06/2002	02/03/2003	02/03/2008	EF
ATT-8.0	ATTACHMENT DC LOADS	006	03/22/1999	01/14/1999	01/14/2004	EF
ATT-8.1	ATTACHMENT D/G STOP	005	03/06/2002	02/03/2003	02/03/2008	EF
ATT-8.2	ATTACHMENT GEN DEGAS	008	06/20/2002	08/17/1999	08/17/2004	EF
ATT-8.3	ATTACHMENT NONVITAL	004	03/06/2002	02/03/2003	02/03/2008	EF
ATT-8.4	ATTACHMENT SI/UV	005	03/06/2002	02/03/2003	02/03/2008	EF
ATT-8.5	ATTACHMENT LOSS OF OFFSITE POWER	001	08/26/2003	05/02/2002	05/02/2007	EF
ATT-9.0	ATTACHMENT LETDOWN	008	03/06/2002	03/06/2002	03/06/2007	EF
ATT-9.1	ATTACHMENT EXCESS L/D	005	03/06/2002	10/31/2001	10/31/2006	EF
ATT-10.0	ATTACHMENT FAULTED S/G	006	03/06/2002	03/27/2003	03/27/2008	EF
ATT-11.0	ATTACHMENT IA CONCERNS	003	06/26/2003	03/27/2003	03/27/2008	EF
ATT-11.1	ATTACHMENT IA SUPPLY	003	03/06/2002	03/27/2003	03/27/2008	EF
ATT-11.2	ATTACHMENT DIESEL AIR COMPRESSOR	004	11/18/2002	03/10/2003	03/10/2008	EF
ATT-12.0	ATTACHMENT N2 PORVS	005	02/12/2003	02/12/2003	02/12/2008	EF
ATT-13.0	ATTACHMENT NC	003	02/12/2003	02/12/2003	02/12/2008	EF
ATT-14.0	ATTACHMENT NORMAL RHR COOLING	003	03/06/2002	09/23/1999	09/23/2004	EF

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PROCEDURE NUMBER	PROCEDURE TITLE	REV	EFFECT DATE	LAST REVIEW	NEXT REVIEW	ST
ATT-14.1	ATTACHMENT RHR COOL	006	04/30/2003	01/08/2002	01/08/2007	EF
ATT-14.2	ATTACHMENT RHR ISOL	003	02/12/2003	02/12/2003	02/12/2008	EF
ATT-14.3	ATTACHMENT RHR NPSH	003	03/06/2002	01/06/1999	01/06/2004	EF
ATT-14.5	ATTACHMENT RHR SYSTEM	003	03/20/2003	02/03/2003	02/03/2008	EF
ATT-14.6	ATTACHMENT RHR PRESS REDUCTION	002	03/06/2002	01/14/1999	01/14/2004	EF
ATT-15.0	ATTACHMENT RCP START	009	03/06/2002	03/17/2000	03/17/2005	EF
ATT-15.1	ATTACHMENT RCP DIAGNOSTICS	003	04/24/1997	02/03/2003	02/03/2008	EF
ATT-15.2	ATTACHMENT SEAL COOLING	005	03/06/2002	02/03/2003	02/03/2008	EF
ATT-16.0	ATTACHMENT RUPTURED S/G	011	07/18/2001	01/11/2000	01/11/2005	EF
ATT-16.1	ATTACHMENT SGTL	002	03/06/2002	09/08/2000	09/08/2005	EF
ATT-16.2	ATTACHMENT RCS BORON FOR SGTL	002	04/09/2002	09/08/2000	09/08/2005	EF
ATT-17.0	ATTACHMENT SD-1	015	10/02/2003	02/29/2000	02/28/2005	EF
ATT-17.1	ATTACHMENT SD-2	006	03/06/2002	01/30/2001	01/30/2006	EF
ATT-18.0	ATTACHMENT SFP - RWST	005	03/06/2002	02/03/2003	02/03/2008	EF
ATT-20.0	ATTACHMENT VENT TIME	003	07/26/1994	02/03/2003	02/03/2008	EF
ATT-21.0	ATTACHMENT RCS ISOLATION	002	03/06/2002	02/03/2003	02/03/2008	EF
ATT-22.0	ATTACHMENT RESTORING FEED FLOW	003	05/02/2002	01/22/2002	01/22/2007	EF
ATT-23.0	ATTACHMENT TRANSFER 4160V LOADS	000	02/26/1999	02/26/1999	02/26/2004	EF
ATT-24.0	ATTACHMENT TRANSFER BATTERY TO TSC	000	09/08/2000	09/08/2000	09/08/2005	EF
ATT-26.0	ATTACHMENT RETURN TO NORMAL OPERATIONS	000	10/31/2001	10/31/2001	10/31/2006	EF

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GRAND TOTAL: 50

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Responsible Manager Reidling Date 10-2-2003

Perform the following local actions to complete normal secondary system shutdown:

- o Close reheater 4th pass temperature control valves:
 - o V-2432 (SW corner 1A MSR)
 - o V-2433 (SW corner 1B MSR)
 - o V-2434 (SW corner 2A MSR)
 - o V-2435 (SW corner 2B MSR)
- o Close reheater steam chain valves:
 - o V-3550 (SW of 1B MSR)
 - o V-3551 (SW of 1B MSR)
 - o V-3552 (NW of 1A MSR)
 - o V-3553 (NW of 1A MSR)
- o Open Reheater steamline vents (SW corner of condenser, middle floor):
 - o V-8500
 - o V-8501
 - o V-8502
 - o V-8504
 - o V-8505
- o Open Reheater steamline vents (SW corner of condenser, above walkway):
 - o V-8506
 - o V-8507
 - o V-8508
 - o V-8509
- o Locally close flange heating isolation valves:
 - o MOV-3601A (TB Middle Lvl East of TURB Lube Oil Reservoir)
 - o MOV-3602A

NOTE: IF either S/G pressure is LESS THAN condensate header pressure, THEN manual isolation of the MFW regulating and bypass valves should be considered before aligning for cooldown recirculation.

- o Open the following valves to align for condensate feed system cooldown RECIRC:
 - o V-3982B (at #5 heater outlet header)
 - o V-3983B (at #5 heater outlet header)
 - o V-4363 (at #5 heater outlet header)
 - o V-4365 (by MFW regulating valves)
 - o V-4361 (southwest corner of condenser, middle floor)
 - o V-3976A MFP A discharge valve bypass valve
 - o V-3977A MFP B discharge valve bypass valve
- o Secure all 5 secondary chemical addition pumps on TURB BLDG middle floor by #5 heaters.

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- o Secure all 3 ammonia pumps, TURB BLDG basement by MCC A.
- o Secure the Ethanolamine (ETA) injection pump, TURB BLDG basement by turbine lube oil purifier.
- o Open Turbine Extraction Line Drain AOV-3850 isolation valve V-3884 (Turb Bldg Basement west platform, north end)
- o Open Turbine Extraction Line Drain AOV-3845 isolation valve V-3883 (Turb Bldg Basement west platform, north end)
- o Isolate SW from the following coolers:
 - o MFW Pump Oil Coolers (MFW pump room)
 - o V-4703
 - o V-4704
 - o Exciter Air Cooler:
 - o V-4679B (chain valve next to condensate transfer pump)
 - o Bus Duct Air Cooler (TURB BLDG basement East of bus duct cooler)
 - o V-4674
 - o V-4674C (mini bypass around V-4674)
- o Throttle SW as necessary from following coolers:
 - o Generator Seal Oil Unit Coolers (H2 side and air side):
 - o V-4676A (mini bypass disch valve inside seal oil enclosure Bldg. NW corner)
 - o V-4677A (mini bypass disch valve inside seal oil enclosure Bldg. NW corner)
 - o Main Lube Oil Coolers (SW corner of Turb Oil Reservoir)
 - o V-4691
 - o V-4692
- o IF HDT Pump A seal injection primary filter (FGS01A) is in service, THEN perform the following to place the HDT Pump A seal injection bypass line (and filter FGS02A) in service and isolate the primary filter as follows (north side of HDT Pump A):
 1. Ensure closed HDT Pump A bypass filter outlet valve, V-3709C.
 2. Slowly open HDT Pump A bypass filter inlet isolation, V-3907F.
 3. Slowly throttle open HDT Pump A bypass filter outlet valve, V-3709C WHILE concurrently closing HDT Pump A primary filter outlet valve, V-3709B to maintain approximately 5 - 8 gpm seal injection flow (FAL-3799A).

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- o IF HDT Pump B seal injection primary filter (FGS01B) is in service, THEN perform the following to place the HDT Pump B seal injection bypass line (and filter FGS02B) in service and isolate the primary filter as follows (south side of HDT Pump B):
 1. Ensure closed HDT Pump B bypass filter outlet valve, V-3710C.
 2. Slowly open HDT Pump B bypass filter inlet isolation, V-3910F.
 3. Slowly throttle open HDT Pump B bypass filter outlet valve, V-3710C WHILE concurrently closing HDT Pump B primary filter outlet valve, V-3710B to maintain approximately 5 - 8 gpm seal injection flow (FAL-3799B).
- o WHEN the turbine shaft stops, THEN notify Control Room. Control Room personnel will determine if adequate power (36 KW) available to start turning gear.
- o Transfer house heating steam to house heating boiler if necessary (refer to T-35H, NUCLEAR HOUSE HEATING STEAM TO BOILER STEAM SUPPLY CHANGE).
- o Align S/G blowdowns as follows:
 1. Secure blowdown to the condenser per T-14G, STEAM GENERATOR BLOWDOWN HEAT RECOVERY SYSTEM SHUTDOWN.
 2. Verify S/G releases are in effect. IF NOT, THEN ensure releases are in effect before performing the next step.
 3. Align Steam Generator Blowdown Flash Tank drains to the discharge canal per T-14F.1, SG BLOWDOWN ALIGNMENT TO DISCHARGE CANAL.
- o Restore MAKEUP to CSTs as directed by Control Room.