OBJECTIVE

To put in service & stop the Electrical Fire Pump 9WSE-P-2
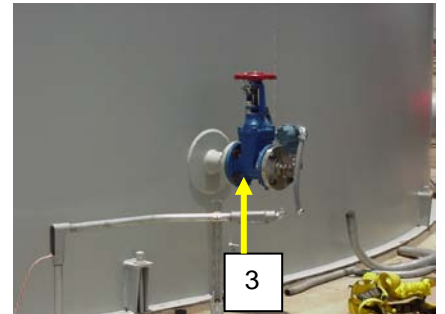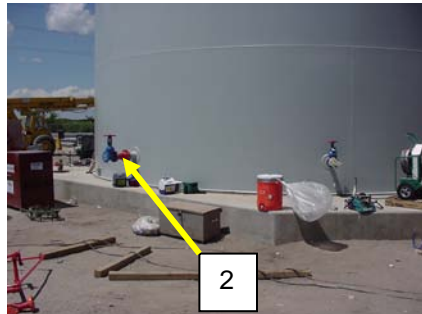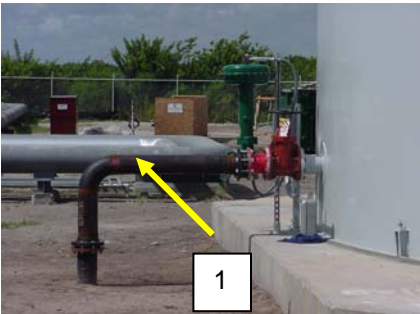
SAFETY AND ENVIRONMENTAL

Plant required personal protective equipment (i.e. Safety glasses, hard hat, etc.)
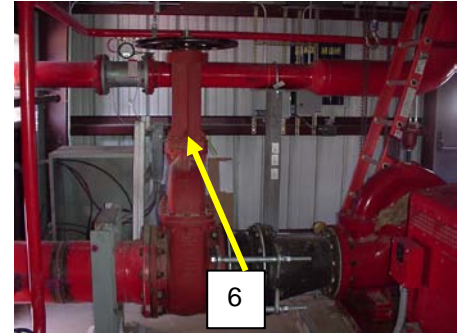
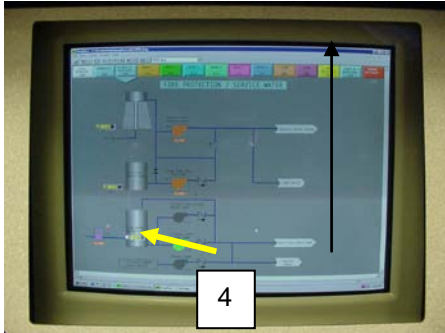## PREREQUISITES

Storage Tank with adequate water level.

GENERAL PROCEDURE

Start-Up Main Electrical Fire Pump (9WSE–P-2) Start-Up and Shutdown
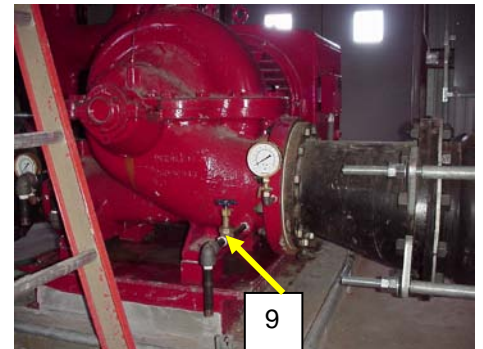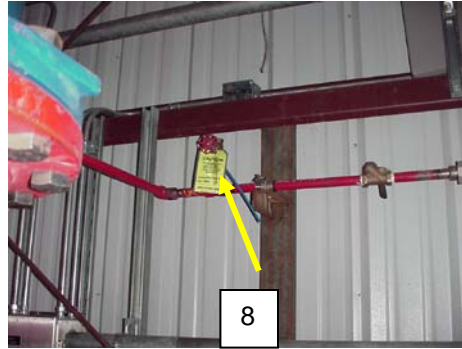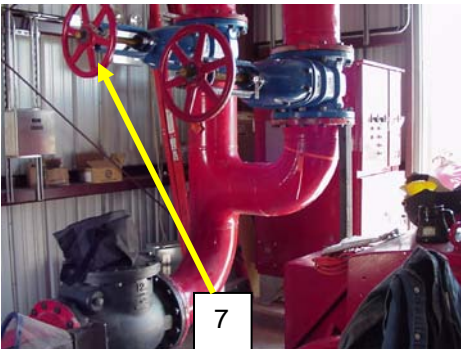

1. Check **potable water** make-up **open** to storage tank 9WSE BV   _____

2. Check storage **tank drain closed** 9WSE BV 1015   _____

3. Check storage tank **level transmitter open** 9WSE BV 15   _____

LOCATION

PROCEDURE NUMBER
Fire Protection-003

FIRE PROTECTION

REV. N

START\STOP FIRE PUMP
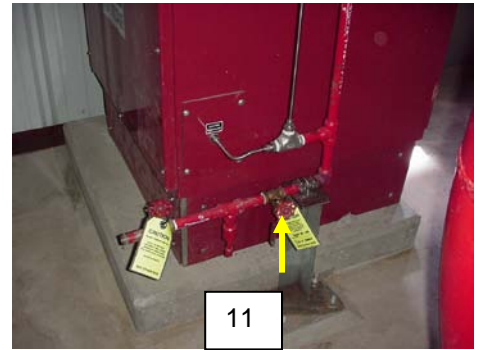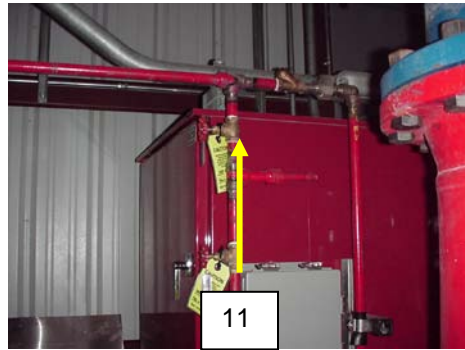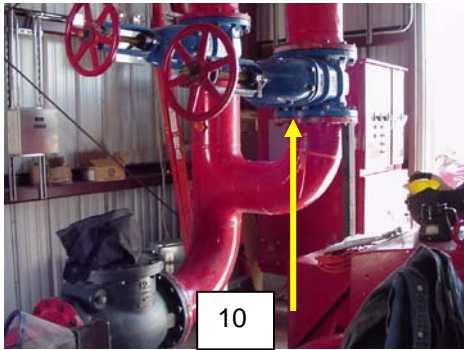
07/27/99

PROCEDURE

2 OF 5

4. Check storage **tank level** (DCS) via radio _____

5. Check **open** storage tank **outlet valve** 9WSE BV 1 _____

6. Check **open** fire pump **suction valve** 9WSE BV 2 _____

7. Check **open** fire pump **discharge valve** 9WSE BV 4 _____

8. Check **vent**, full of water 9WSE BV _____

9. Check pump **drain closed** _____

LOCATION

PROCEDURE NUMBER
Fire Protection-003

FIRE PROTECTION

REV. N

START\STOP FIRE PUMP

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PROCEDURE

3 OF 5

10. Check **flow** test valve **closed** 9WSE BV 9   _____

11. Check pressure sensing line **drains closed**, 9WSE BV 1006,
    9WSE BV 1018   _____

12. Check emergency run disconnect **off**   _____

13. Check local disconnect **on**   _____

14. Push fire pump **start** button   _____

15. Verify flow through fire pump relief valve   _____

LOCATION	PROCEDURE NUMBER
	Fire Protection-003

FIRE PROTECTION	**REV. N**
START\STOP FIRE PUMP	**07/27/99**
PROCEDURE	**4 OF 5**

Shut Down Electric Fire Pump 9WSE-2

1. Push stop button on local control panel _____

Operator Checklist

Start Electric Fire Pump 9WSE-P-2

1. Check potable water make-up **open** to storage tank 9WSE BV _____

2. Check storage tank drain **closed** 9WSE BV 1015 _____

3. Check storage tank level transmitter **open** 9WSE BV 15 _____

4. Check storage **tank level** (DCS) via radio _____

5. Check **open** storage tank **outlet valve** 9WSE BV 1 _____

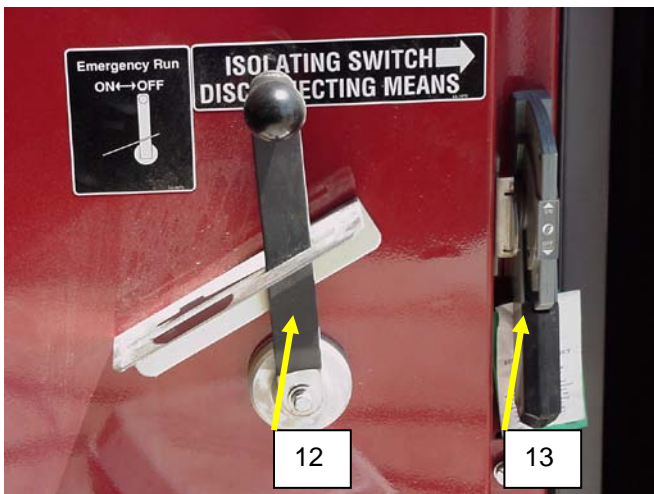6. Check **open** fire pump **suction valve** 9WSE BV 2 _____

7. Check **open** fire pump **discharge valve** 9WSE BV 4 _____

8. Check **vent**, full of water 9WSE BV _____

9. Check pump **drain closed** _____

10. Check **flow** test valve **closed** 9WSE BV 9 _____

11. Check pressure sensing line **drains closed**, 9WSE BV 1006,
    9WSE BV 1018 _____

12. Check emergency run disconnect **off** _____

13. Check local disconnect **on** _____

14. Push fire pump **start** button _____

15. Verify flow through fire pump relief valve _____

LOCATION

PROCEDURE NUMBER
Fire Protection-003

FIRE PROTECTION

REV. N

START\STOP FIRE PUMP

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PROCEDURE

5 OF 5

Shut Down Electric Fire Pump 9WSE-2

1. Push stop button on local control panel   _____