

APPENDIX E

EQUIPMENT FAILURE AND SYSTEM DISTURBANCE TELEPHONE REPORT

1. REPORTED BY DISTRICT: Tulsa District TIME: 1300 DATE: 7 Jun95
2. PROJECT: Eufaula EQUIP.FAIL.TIME: 0844 DATE: 7 Jun95
RETURNED TO SERVICE: 1500 DATE: 14 Jun95
3. UNIT OF EQUIPMENT: Power transformer for Unit #2 Solid State Exciter.
4. DESCRIPTION OF FAILURE: Phase B of regulator power transformer failed blowing the high voltage fuse on that phase. Protective relays for regulator tripped auxiliary relay 5c shutting down the generator.
5. LOAD INTERRUPTED MW: 34 FROM: 0844 7 Jun95 TO: 1500 14 Jun95
6. CAPACITY OUTAGE MW: 30 FROM: 0844 7 Jun95 TO: 1500 14 Jun95
7. EFFECT ON CONNECTED SYSTEM: Loss of 30 MW of reserve capacity.
8. PROBABLE CAUSE: Defective transformer insulation.
9. CORRECTIVE ACTION: Transformer removed and taken to local repair shop by plant personnel. Phase B was rewound and transformer reinstalled.
10. DEFICIENCIES: No known deficiencies.
11. REMARKS: 10 minutes before regulator transformer failure transmission line #2 (PSO line to Stigler OK) tripped after a cross arm broke. The line relays operated properly (carrier ground tripped line) leaving all three generators on line feeding lines 1 and 3. When the line tripped generator voltage peaked at 14.2kv. I estimate unit will return to service the middle of next week.
12. PARTIAL REPORT: FINAL REPORT: XXXX

NA = Not applicable
NK = Not known
E = Estimated
A = Actual
* = Mfg & Type

CALL TAKEN BY: Westmeyer