

August 15, 2001

**FILED**

AUG 20 2001

Mr. Dale Hardy Roberts  
Secretary/Chief Regulatory Law Judge  
Missouri Public Service Commission  
200 Madison Street, Suite 100  
Jefferson City, MO 65101

Missouri Public  
Service Commission



Re: MPSC Case No. ES-2001-359

Dear Mr. Roberts:

Enclosed for filing on behalf of Union Electric Company, d/b/a AmerenUE, in the above matter, please find an original and eight (8) copies of its **Progress Report to the Public Service Commission of the State of Missouri.**

Kindly acknowledge receipt of this filing by stamping a copy of the enclosed letter and returning it to me in the enclosed self-addressed envelope.

Very truly yours,

A handwritten signature in black ink, appearing to read "J. Cook", written over the typed name.

James J. Cook  
Managing Associate General Counsel

JJC/mlh  
Enclosures

cc: Jim Ketter (MPSC)

**Progress Report to the Public Service Commission of the State of Missouri**

**AmerenUE**

**Case No. ES-2001-359**

**Venice Plant Turbine #1 Fire**

**Venice, Illinois**

**August 10, 2000**

**FILED**

**AUG 20 2001**

**Missouri Public  
Service Commission**

This report details specific progress made by Ameren/UE, Venice Plant in response to the Missouri Public Service Commission Staff recommendations outlined in the incident report of April 25, 2001. The following recommendations have been implemented as noted below.

Report to Staff the completion of:

a. Review of maintenance records and inspection of hydraulic lines;

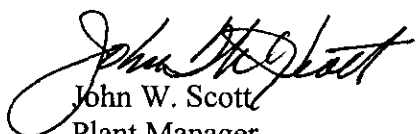
The attached report describes the inspection of the hydraulic lines conducted by the Ameren/UE Laboratory Services Department in association with St. Louis Testing Laboratories. This report includes photographs of some of the work accomplished. Maintenance record review is complete and was submitted to the Staff with the first response.

b. Weld repairs or pipe replaced;

There were some minor linear crack indications in socket welds that were ground smooth and examined with dye penetrant. A certified "R" Stamp Supervisor then inspected each weld as outlined in the report.

Note: This progress report is not intended to cover all of the Staff recommendations outlined in the original incident report but is being used to report progress on specific items as they are resolved. Please be advised that Ameren/UE, Venice Plant will continue with follow-up reports until all recommendations are implemented in the time specified by the MPSC Staff.

Submitted by:

  
John W. Scott  
Plant Manager  
Venice Plant

**To:** J. W. Scott  
**From:** Gary P. Rogles  
**Date:** August 10, 2001  
**Subject:** Venice Oil Piping

In response to a request by the Venice plant management, the generator seal oil piping was visually inspected on June 5-6 and 12-13, 2001 for units 3-6. The purpose was to identify any repaired and welded piping or other suspect piping arrangements that could lead to failure. The piping systems examined were the bearing seals, hydrogen seals and all backup piping. This covered the "iron horse" and turbine oil reservoir on 5' grade as well as the turbine and generator piping on 40' grade.

The visual inspection did not find any piping that had been welded and repaired as similar to unit 1. Following the visual inspections, several welds were identified for additional wet magnetic particle testing (MT) by St. Louis Testing Laboratories (SLTL). These locations are shown in the following table.

No.	Unit	Grade	Location	Visual Comments	SLTL's Results
1	3	40'	Hydrogen seal oil supply on northwest side of generator	Small line coming out of guarded line	MT ok
2	4	40'	Hydrogen seal oil supply on west side at turbine end under grating	1" line coming out of tee block	MT ok
3	4	40'	Oil for turning gear on east side of turbine	Pipe has 2 bends in it not too far from welds	MT ok
4	4	5'	Generator seal pressure pipe on south side of vacuum tank	Heavy socket weld with about 2' horizontal run	5 very small linear indications
5	4	5'	Suction side of vacuum pump on west side of air detrainning tank	Weld at tank looks to have undercut	MT ok
6	6	5'	Hydrogen oil seal pressure line on south side of detrainning tank	Small line coming out of larger line	One 1/2" long linear indication

Following the magnetic particle testing by St. Louis Testing Laboratories, the welds with the linear indications were ground smooth and examined with dye penetrant. Tom Dudici visually inspected the penetrant results and determined the indications were removed.

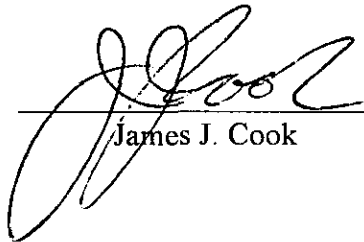
**cc:** D. K. Bishop, C. D. Naslund, V. A. Speck, J. E. Engel

**CERTIFICATE OF SERVICE**

I hereby certify that a copy of the foregoing document was served on the following parties of record via U.S. First-Class Mail on this 15<sup>th</sup> day of August, 2001:

General Counsel  
Missouri Public Service Commission  
P. O. Box 360  
Jefferson City, MO 65102

Office of the Public Counsel  
P. O. Box 7800  
Jefferson City, MO 65102



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James J. Cook

