



U.S. Department
of Transportation

**Federal Railroad
Administration**

Memorandum

Date: December 14, 2016

Subject: Steam locomotive K&T 14 inspection

From: Richard D. Thomas, MP&E Inspector Region 3

To: Carmen Patriarca Jr., Regional Administrator Region 3

After receiving notification December 05, 2016 of a request to re-inspect steam locomotive Big South Fork Railroad (BSFX) K&T 14 at Stearns, KY, this inspector performed an inspection of subject locomotive December 13, 2016 accompanied by Nathan Rose, MP&E Inspector, Knoxville, TN and Carrier representative Becki Egnew.

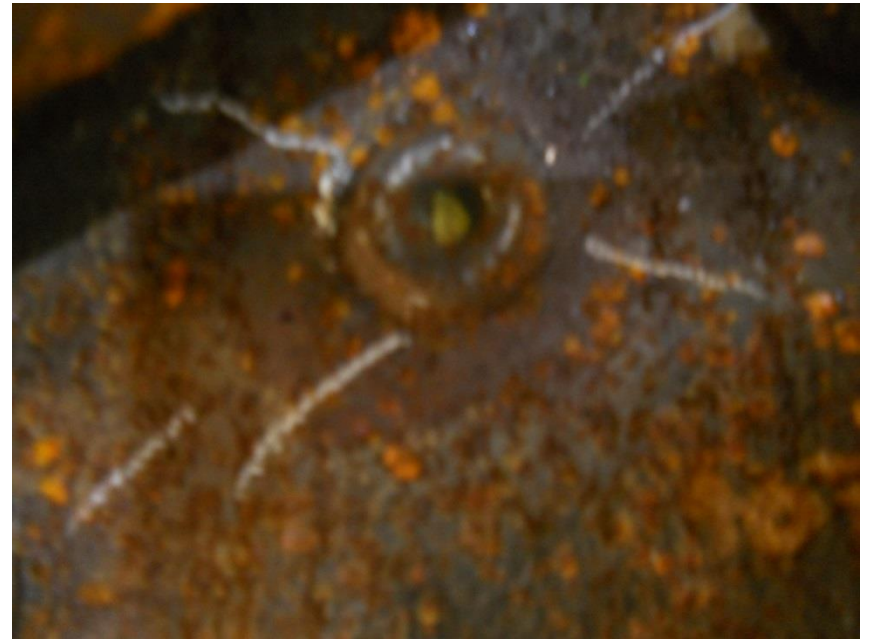
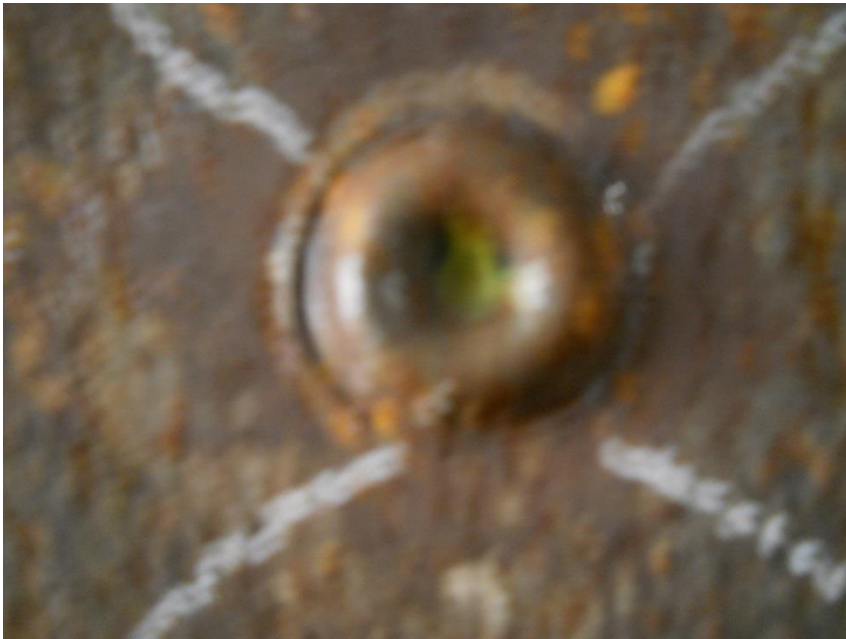
The inspection disclosed several staybolt telltale holes not kept open, firebox corner repairs, washout plug patches in bottom of boiler barrel, offset where rear of crown sheet joins door sheet, and plug repairs on boiler side of front and rear flue sheet, were not complete. Also, some staybolt installations have not been corrected. It is noted that the area where the front of the crown sheet is joined to the knuckle flange in the boiler is concerning. Photos of the observations are attached for review.

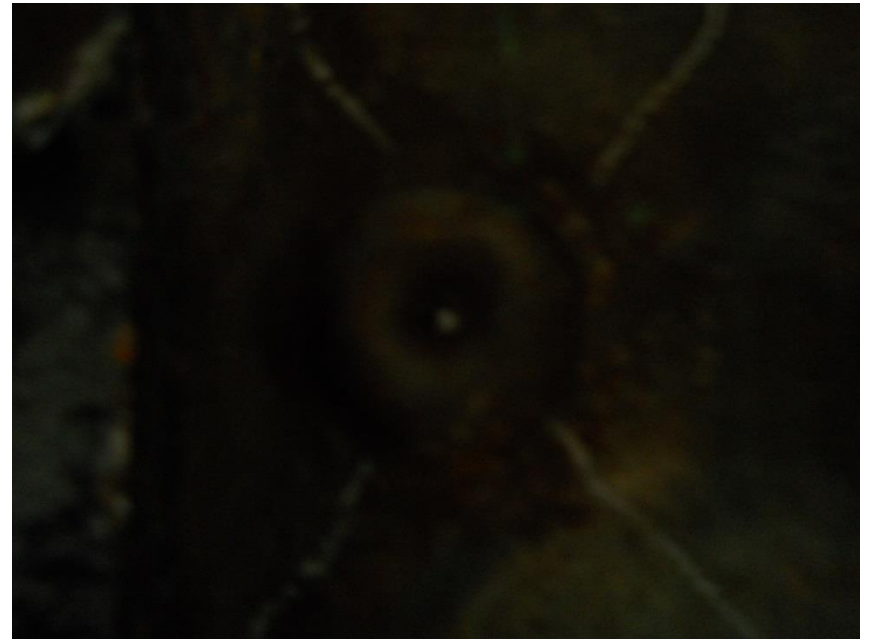
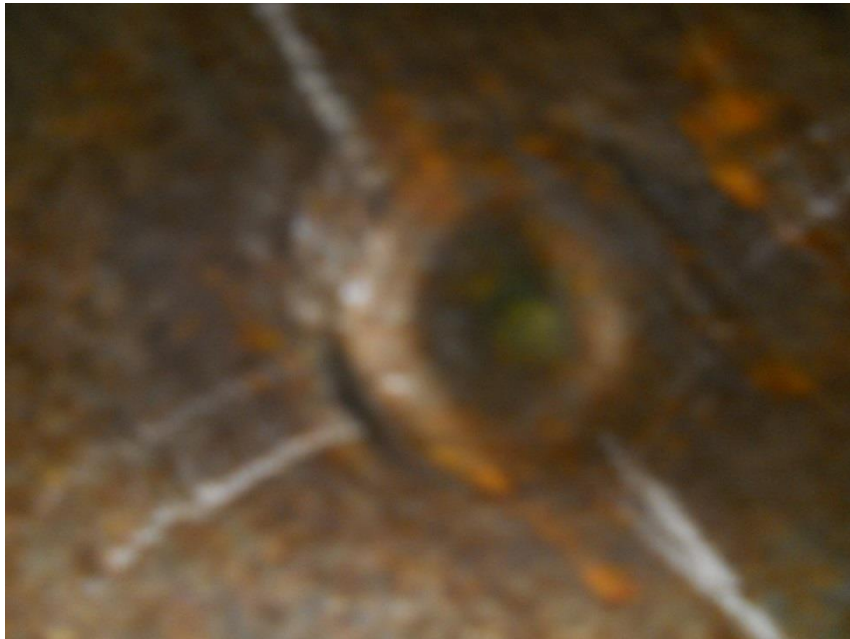
Some repair work appeared to be in process. It was noticed that about three rows of radial stays had been removed and about five of the plugs in the front flue sheet had been welded on the boiler side.

K&T 14

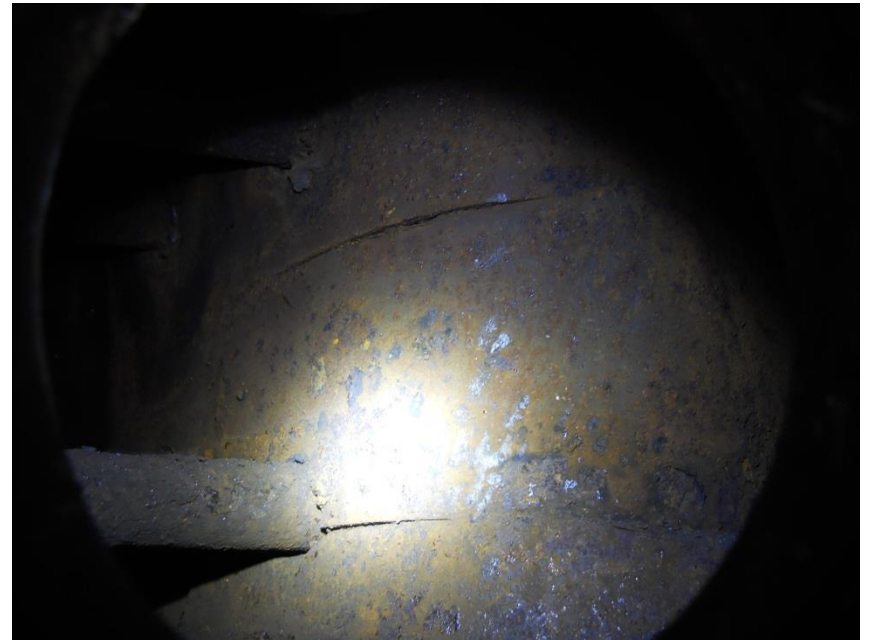


Photos of several staybolt telltale holes not kept open





Photos of corner patch





Photos of bottom boiler barrel washout plug patches



