

**THE PORT AUTHORITY OF NY & NJ**

FOI Administrator

May 6, 2016

Ms. Stephanie L. Jonaitis  
Pepper Hamilton LLP  
301 Carnegie Center, Suite 400  
Princeton, NJ 08543-5276

Re: Freedom of Information Reference No. 14831

Dear Ms. Jonaitis:

This is in response to your May 3, 2016 email in connection with Freedom of Information (“FOI”) request #14831.

The Lucius Pitkin report you requested can be found on the Port Authority’s website at: <http://corpinfo.panynj.gov/documents/14831-O-A4>. Paper copies of the available records are available upon request.

We request that the Demand for Arbitration filed with JAMS regarding this matter be withdrawn.

Please refer to the above FOI reference number in any future correspondence relating to your request.

Very truly yours,



Danny Ng  
FOI Administrator

Enclosure



Lucius Pitkin, Inc. Consulting Engineers



Fitness-For-Service  
Failure & Materials Evaluation  
Nondestructive Engineering

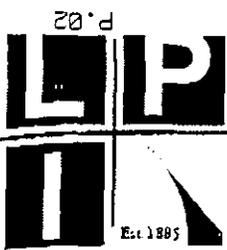
TO: Mike Wallace FAX 973-622-0172  
FROM: JOHN BULLARD

**REPORT NO. F10166**  
**EVALUATION OF BUSS BAR**  
**THE PORT AUTHORITY OF NY & NJ**  
**APRIL 15, 2010**

304 Hudson Street, New York, NY 10013-1015      Tel: 212-233-2737      Fax: 212-406-1417      www.loiny.com

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Lucius Pitkin, Inc. Consulting Engineers

Fitness-For-Service  
Failure & Materials Evaluation  
Nondestructive Engineering

April 15, 2010

Report No. F10166

The Port Authority of NY & NJ  
Materials & Research Division  
Engineering Department  
241 Erie Street - Room 234  
Jersey City, NJ 07310-1397

Attention: Mr. John Bullard

Subject: **EVALUATION OF BUSS BAR**

An electrical buss bar was submitted to LPI for evaluation of a brown stain on the surface. The buss bar, shown in Fig. 1 in the as-received condition, measured 4 in. wide X  $\frac{1}{4}$  in. thick and was bent at a right angle with one leg measuring  $14 \frac{3}{4}$  in. long and the other  $7 \frac{3}{4}$  in. long. LPI was advised that the buss bar was made of silver plated copper.

A sample of the brown stain was scraped from the surface and analyzed by energy dispersive x-ray spectroscopy (EDS) in a scanning electron microscope (SEM) at 20 kV accelerating potential. The acquired spectrum, shown in Fig. 2, exhibited large peaks of copper and oxygen; small peaks of carbon, aluminum, and silicon from the mount used to place the sample in the SEM; small peaks of sulfur, chlorine, potassium, iron and calcium from atmospheric sources, and a small peak of silver from the plating.

\* \* \*

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F10166

Results of this examination indicate that the brown stain was primarily a copper oxide or copper hydroxide. The trace of silver detected in the scrapings indicated that the silver layer had possibly been consumed at the stained locations.

Respectfully submitted,

LUCIUS PITKIN, INC.

Andrew Shapiro  
Materials Engineer

Joseph P. Crosson, P.E.  
Principal

AS:JPC/P:Projects/2010/F10166-Report - PANYNJ Eval. of buss bar

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FORM 107-2/76



The Port Authority of NY & NJ  
Attention: Mr. John Bullard

April 15, 2010  
F10166

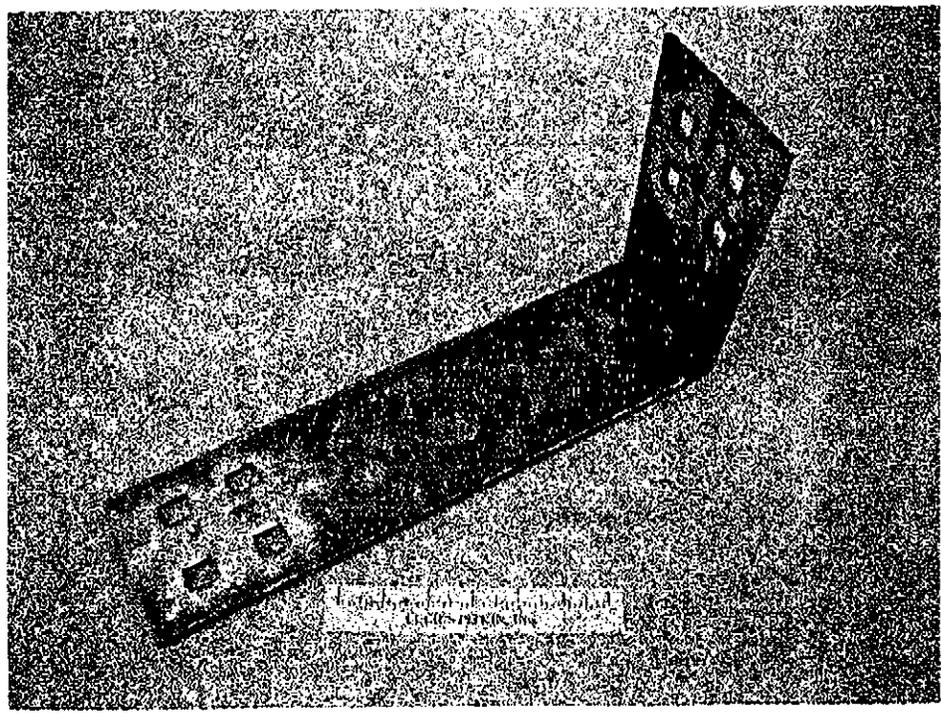


Fig. 1 Buss bar in the as-received condition.

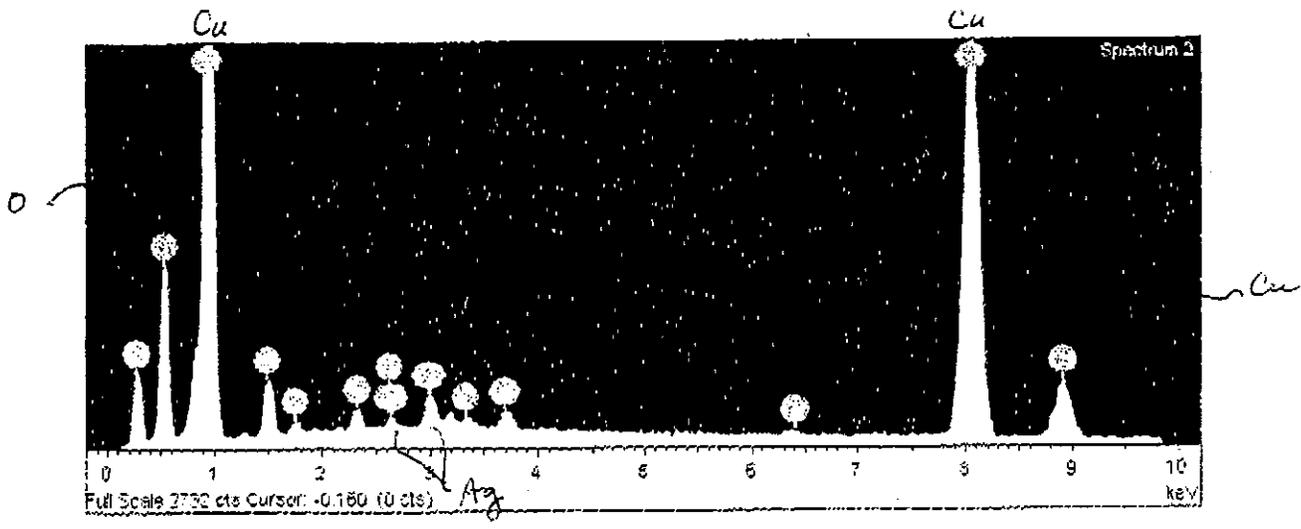


Fig. 2 EDS spectrum of the brown stain.