United States Steel Corporation
Clairton Works
400 State Street
Clairton, PA 15025

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Air Protection Division (3AP12)

January 16, 2009

Mr. James Thompson
Department of Air Quality
Bureau of Air Pollution Control
301 Thirty-Ninth Street
Pittsburgh, PA 15201

U.S. Environmental Protection Agency
Region III
Air, Radiation & Toxics Division
1650 Arch Street
Philadelphia, PA 19103-2029
ATTN: James W. Hagedorn (3AT23)

Assistant Council
Department of Environmental Protection
Southwest Region
400 Waterfront Drive
Pittsburgh, PA 15222-4745
ATTN: Steve Hepler

Department of Justice
Environmental and Natural Resource Division
Environmental Enforcement Section
P.O. Box 7611
Ben Franklin Station
Washington, D.C. 20044
ATTN: David Street, Esq.

Subject: USS Reference Number: 09-0041
ACHD Reference Number: 11018
#2 Control Room
USS Clairton Works

Gentlemen:

The attached form confirms our verbal report of the subject incident. Any questions concerning this matter should be referred to Coleen M. Davis at 412-233-1015.

Sincerely,

Mark G. Tabler
Plant Manager
Clairton Works

NOTICE OF OUTAGE OF EQUIPMENT
ARTICLE XXI - SECTION 2108.1

1. **USS Reference Number:** 09-0041
   ACHD Reference Number: 11018

2. **Date & Time of Breakdown:** Date: 01/15/09 Time: 1408 hours

3. **Company Name:** U.S. Steel Corporation - USS Clairton Works

4. **Specific Equipment Involved or Affected:** #2 Control Room

5. **BAPC Permit Number (if applicable):**

6. **Location:** Clairton, PA

7. **Nature and cause of breakdown:** An impulse line to a pressure switch for the sub gas by-pass valve froze at the #2 Control Room causing the by-pass to open. As a result, un-desulfurized gas was momentarily released to the down river gas system.

8. **Identification of Emissions:**

   A. **Type(s) (CO, NOX, SO_2, Particulates, Hydrocarbons, etc.)** Elevated H_2S in the downriver gas line system, causing increased SO_2 and VOC at point of combustion.

   B. **Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality).** SO_2 is and VOC could be an eye, nose, and throat irritant.

   C. **Amount of each type emitted (or likely to be emitted).** Light to moderate

9. **Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).**
   The problem was resolved and normal gas processing operations resumed.

10. **Facility back in operation** - Date: 01/15/09 Time: 1425 hours

Signature _____ Date 1/16/09
Bryan M. Kresak
Environmental Control Engineer Phone: 412-233-1468