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January 18, 2007

Randall L. Sawyer
Hazardous Materials Program Director
Contra Costa Health Services Department
4333 Pacheco Boulevard
Martinez, CA 94553-2229

Dear Mr. Sawyer,

In accordance with the December 14, 2004 Contra Costa Health Services (CCHS) Department Hazardous Materials Incident Notification Policy, Chevron is providing a 72 hour written report for the Community Warning System Level 3 event which occurred at the Chevron Richmond Refinery on January 15th 2007.

The purpose of the attached report is to confirm/modify the information provided in the initial notification provided on January 15th 2007. If you have additional questions or concerns, please feel free to contact Matt Brennan of my staff at (510) 242-1862 or myself.


Tery Lizarraga

Attachment: Richmond 72 Hour Report

Cc: BAAQMD – Brad Kino

ATTACHMENT B
72 HOUR FOLLOW-UP NOTIFICATION REPORT FORM
CONTRA COSTA HEALTH SERVICES

<p>For CCHS Use Only:</p> <p>Received By: _____</p> <p>Date Received: _____</p> <p>Incident Number: _____</p> <p>Copied To: _____</p> <p>Event Classification Level: _____</p>
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ATTENTION: Randall L. Sawyer
 Hazardous Materials Program Director
 Contra Costa Health Services Department
 4333 Pacheco Boulevard
 Martinez, CA 94553

INCIDENT DATE: January 15, 2007
INCIDENT TIME: 05:18 hrs
FACILITY: Chevron Richmond Refinery

PERSON TO CONTACT FOR ADDITIONAL INFORMATION: Matt Brennan
Phone Number: (510) 242-1862

I. SUMMARY OF EVENT

On January 15, 2007 at approximately 05:18 hrs a fire occurred at the Chevron Refinery #4 Crude Unit. Based on current information, it is believed that the primary source of the fire was near P-1165A (C-1160 Vacuum Column Bottoms pump). Operators were in the process of shutting down the plant in preparation for scheduled maintenance and inspections.

4 Crude Unit is listed as a Cal/ARP Program Level 1 Process

II. AGENCIES NOTIFIED, INCLUDING TIME OF NOTIFICATION

- Primary: Community Warning System (CWS):
- a. Level 2 at 05:22 hrs
 - b. Level 3, TENS and sirens activated by Chevron at 05:30 hrs.
 - c. All-clear at 08:40 hrs. – via notification system.

Secondary: Subsequent notifications via telephone to the agencies above and others

III. AGENCIES RESPONDING, INCLUDING CONTACT NAMES AND PHONE NUMBERS:

The list below does not include all representatives from all agencies:

Cal/OSHA Inspector	Mr. Tom Johnston	(925) 348-3163
RPD Chief	Mr. Chris Magnus	(510) 323-3306
RFD Chief	Mr. Michael Banks	(510) 307-0831
CCHS HazMat Pgm. Asst. Director	Mr. Steve Morioka	(925) 646-2286
ECFD Chief	Mr. Maples	(510) 215-5540
BAAQMD Engr.	Mr. Bill Hammell	(510) 749-4605

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IV. EMERGENCY RESPONSE ACTION:

- Chevron Fire notified at approx. 05:20
- Plant Operators activated water spray on fire.
- Chevron Fire personnel on-scene at approx. 05:22
- Responding organizations included Chevron Fire, Chevron Fire Brigade, Richmond Fire Department and El Cerrito Fire Department. Petro-Chemical mutual aid was provided by Valero, Shell, Tesoro and Dow.
- A total of five (5) alarms were dispatched in response to this event and the Community Warning System was activated at Levels 2 and 3.

V. IDENTITY OF MATERIAL RELEASED AND ESTIMATED OR KNOWN QUANTITIES:

An unknown amount of hydrocarbons was combusted, resulting in a release of sulfur dioxide. Analysis results to-date from Sections VIII (b) and (c) provides no evidence of adverse air quality impacts associated with the fire.

VI. METEOROLOGICAL CONDITIONS AT TIME OF EVENT:

Wind Speed	8 MPH
Wind Direction	75° (E-W)
Precipitation	None
Temperature (F)	43°

VII. DESCRIPTION OF INJURIES:

One employee was treated for minor burns. Treatment was provided by Chevron Fire Department and an outside hospital, the employee was released to return to work on the same day. Another employee received on-site treatment for a minor skin irritation and returned to work on the same day as well.

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VIII. COMMUNITY IMPACT:

- a) To-date, eleven (11) calls have been identified for follow-up
- b) Sampling data and community monitoring results:
 Four (4) Chevron employees were deployed outside of the refinery to take air monitoring samples at various locations downwind of the fire. Monitoring continued through January 16 at 06:20 hrs. All 31 direct-reading samples showed non-detectable Hydrogen Sulfide (H2S), Sulfur Dioxide (SO2), and benzene concentrations (< 1 ppm, < 0.1 ppm, and < 0.1 ppm, respectively). Additionally approximately 40 gas bag samples were collected in various downwind locations in Richmond and Point Richmond. Samples have been and sent to Air Toxics Ltd. laboratory for sulfur compounds and VOCs testing. The test results are expected within the next several days.
- c) Fence line monitoring:
 Continuous monitoring data is gathered around the clock from instrumentation located at Chevron’s Office Hill, High Hill and Gertrude Street monitoring stations. A data point is given, close to or prior to the incident as a reference. The following maximum readings were recorded between the times the fire started and the time all-clear was called by CCHS. None of the maximum readings exceeded OSHA’s Permissible Exposure Limits (PELs).

	High Hill	Office Hill	Gertrude Street
H2S	4.33 ppb @ 05:18	2.18 ppb @ 05:18	1.01 ppb @ 05:18
H2S	56.03 ppb @ 06:39	3.49 ppb @ 07:30	1.63 ppb @ 07:37
SO2	Non-detectable - <1 ppb	Station does not monitor	Non-detectable - <1 ppb

Note: The Cal/OSHA PEL for SO₂ is 2,000 ppb (2 ppm) averaged over an 8-hour period. The Cal/OSHA PEL for H₂S is 10,000 ppb (10 ppm) averaged over an 8-hour period.

IX. INCIDENT INVESTIGATION RESULTS:

A formal TapRoot® investigation to determine the cause of the incident has been initiated. The team is composed of Subject Matter Experts (SMEs) as well as operations personnel, management personnel and a Union representative. Other SMEs will be brought into the investigation on an as needed basis.

X. SUMMARIZE INVESTIGATION RESULTS BELOW OR ATTACH COPY OF REPORT:

An investigation has been initiated and is anticipated to be completed within 30 days. However, technical analysis may further extend the completion timeline of this investigation.

XI. SUMMARIZE PREVENTABLE MEASURES TO BE TAKEN TO PREVENT RECURRENCE INCLUDING MILESTONE AND COMPLETION DATES FOR IMPLEMENTATION

The impacted portion of the plant is not operational. Preventative measures and corrective actions will be based upon the investigation report mentioned in Section X, above.