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Direct questions or concerns to the City Council at 310-618-2801, City Manager at 310-618-5880, or individual department head prior to submission to the City Council. Parties will be notified if the complaint will be included on a subsequent agenda.

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**TORRANCE CITY COUNCIL AGENDA
AUGUST 5, 2017
ADJOURNED REGULAR MEETING
9:00 A.M. – 12:00 P.M. CITY COUNCIL WORKSHOP
IN TOYOTA MEETING HALL AT 3330 CIVIC CENTER DR.**

WORKSHOP (Not Televised)

OPENING CEREMONIES

1. CALL MEETING TO ORDER

ROLL CALL: Councilmembers Ashcraft, Goodrich, Griffiths, Herring, Rizzo, Weideman, and Mayor Furey

2. FLAG SALUTE: Councilmember Weideman

NON SECTARIAN INVOCATION: Councilmember Ashcraft

3. REPORT OF THE CITY CLERK ON THE POSTING OF THE AGENDA.

The agenda was posted on the Public Notice Board at 3031 Torrance Bl. and on the City's Website on Tuesday, August 1, 2017 /s/ Rebecca Poirier

4. REFINERY UPDATE


- Torrance Refining Company update regarding turnaround and refinery operations
- Southern California Edison update regarding the electrical reliability project
- Torrance Fire Department update regarding various regulatory actions at State level
- South Coast Air Quality Management District update regarding various rule making efforts (1118, 1180 and 1410)
- City of Torrance update regarding Torrance Alerts notifications
- City of Torrance update regarding the Community Air Monitoring Alert System


5. ORAL COMMUNICATIONS (Limited to a 30 minute period)

This portion of the meeting is reserved for comment on items not on the agenda. Under the Ralph M. Brown Act, City Council cannot act on items raised during public comment, but may respond briefly to statements made or questions posed; request clarification; or refer the item to staff. Speakers under Oral Communications are limited to no longer than 3 minutes per speaker. Speakers please turn off or leave your cellular phone when you come to the podium to speak. If presenting handout material to Council, please provide 10 copies to the City Clerk before speaking.

6. ADJOURNMENT

- 6A.** Adjournment of City Council Workshop to Tuesday, August 8, 2017 at 5:30 p.m. for closed session, with the regular meeting commencing at 7:00 p.m. in the Council Chamber.



For: Rebecca Poirier, City Clerk 





PUBLIC WORKSHOP

REFINERY UPDATE



August 5, 2017

Background Material and Web Links
www.TorranceCA.Gov/Refinery

AGENDA

STATUS UPDATES

1. Torrance Refining Company Update
2. Southern California Edison Power Supply Reliability Project
3. TFD Update regarding state-wide regulations
4. South Coast Air Quality Management District: Rulemaking update
 - Rule 1118 - Control of Emissions from Refinery Flares
 - Rule 1180 - Refinery Fenceline and Community Monitoring
 - Rule 1410 - Hydrogen Fluoride Storage and Use
5. Torrance Alerts System Notifications
6. City's proposal of projects for the \$2.7 Million SCAQMD Supplemental Environment Project (SEP) Fund Air Quality Improvement Projects

INTRODUCTIONS

- Torrance Refining Company
 - Steve Steach, Refinery Manager
- Southern California Edison
 - Neal Hunstein, Principle Manager
- South Coast Air Quality Management District
 - Philip M. Fine, Ph.D., Deputy Executive Officer
- Fire Chief Martin Serna
- David Dumais, Deputy Fire Chief
- Michael Smith, Cable and Community Relations Manager
- Aram Chaparyan, Assistant to the City Manager

TORRANCE REFINING COMPANY

- Steve Steach, Refinery Manager



Torrance Refinery Update

Torrance City Council Meeting

August 5, 2017



Safe Harbor Statements

This presentation contains forward-looking statements made by PBF Energy Inc. and PBF Logistics LP (together, the “Companies”, or “PBF” or “PBFX”) and their management teams. Such statements are based on current expectations, forecasts and projections, including, but not limited to, anticipated financial and operating results, plans, objectives, expectations and intentions that are not historical in nature. Forward-looking statements should not be read as a guarantee of future performance or results, and may not necessarily be accurate indications of the times at, or by which, such performance or results will be achieved. Forward-looking statements are based on information available at the time, and are subject to various risks and uncertainties that could cause the Companies’ actual performance or results to differ materially from those expressed in such statements.

Factors that could impact such differences include, but are not limited to, changes in general economic conditions; volatility of crude oil and other feedstock prices; fluctuations in the prices of refined products; the impact of disruptions to crude or feedstock supply to any of our refineries, including disruptions due to problems with third party logistics infrastructure; effects of litigation and government investigations; the timing and announcement of any potential acquisitions and subsequent impact of any future acquisitions on our capital structure, financial condition or results of operations; changes or proposed changes in laws or regulations or differing interpretations or enforcement thereof affecting our business or industry, including any lifting by the federal government of the restrictions on exporting U.S. crude oil; actions taken or non-performance by third parties, including suppliers, contractors, operators, transporters and customers; adequacy, availability and cost of capital; work stoppages or other labor interruptions; operating hazards, natural disasters, weather-related delays, casualty losses and other matters beyond our control; inability to complete capital expenditures, or construction projects that exceed anticipated or budgeted amounts; inability to successfully integrate acquired refineries or other acquired businesses or operations; effects of existing and future laws and governmental regulations, including environmental, health and safety regulations; and, various other factors.

Forward-looking statements reflect information, facts and circumstances only as of the date they are made. The Companies assume no responsibility or obligation to update forward-looking statements to reflect actual results, changes in assumptions or changes in other factors affecting forward-looking information after such date.

Turnaround Highlights

- **In early April, the refinery began a major Turnaround.**
 - Developed and successfully utilized new procedures to reduce flaring.
 - Multiple units were cleaned, inspected and repaired between April and June.
 - Invested more than \$100 million in improving refinery reliability.
 - More than 1.2 million hours were worked, employed approximately 1,800 contractors, primarily local trade union members.
- **Cal/OSHA performed a Turnaround Safety Inspection Audit.**
 - Seven inspectors, including a Torrance Fire Department representative conducted six refinery visits.
 - Inspectors reviewed Turnaround scope of work prior to the start of Turnaround.
 - They interacted with maintenance workers and verified training records.
 - They returned at end of Turnaround to ensure work was performed as planned.
 - Awaiting official verification of a successful audit with no findings.
- **The refinery is well positioned to operate safely and reliably and has returned to normal operations.**

Flare Project Update

- **Reduced 2016 SOx emissions by almost 50% versus target.**
- **Approved emissions show third lowest quantities of all South Bay refineries.**
- **Revised Refinery Procedures enable Operators to minimize flaring.**
 - Used during Turnaround for unit shutdowns and start-ups.
- **Submitted Permit to Construct application for proposed venting of High Purity Hydrogen to the South Coast Air Quality Management District (SCAQMD).**
 - Eliminates unnecessary Hydrogen flaring.
 - Improves Flare Gas Compressor reliability.
 - Reduces flaring noise and emissions.
 - Eliminates substitution of worst-case data.
- **Conducted Emergency Preparedness Training and Power Interruption Drill involving personnel from Torrance Fire and Police Departments, LA County Fire HazMat, SCAQMD and Southern California Edison.**

- **Working three projects to reduce NOx emissions.**
 - Retrofit two units with traditional Selective Catalyst Reduction (SCR).
 - Construction scheduled for 2018 and 2019, respectively.
 - TORC may partner with SCAQMD on a NOx reduction demonstration project.
 - Test emerging technology from ClearSign Combustion Technology Corp.
 - If proven, may achieve ultra-low emissions levels in refinery process heaters and boilers.
 - We have identified two additional NOx reduction projects.
 - Targeting 2022 for completion.
 - Plans could change based on ClearSign project.

Electrical Reliability Project Update

- **Torrance refinery will connect to Southern California Edison's (SCE) with two new 220 KV underground cables to a new Switching Station located on refinery property.**
- **The SCE 220 KV system connection is on SCE right-of-way adjacent to the refinery.**
- **The refinery will upgrade/modify their electrical distribution system. New local substations will be build and connected to the new 220 KV Switching Station. This will be synchronized with future unit shutdowns.**
- **The Refinery has received a permit to construct from City of Torrance.**
- **The refinery, SCE, the South Coast Air Quality Management District and the City of Torrance have met with the President of the California Public Utilities Commission to review this project.**
- **Project permitting and construction details are being finalized.**

Community Outreach

- **Hosted refinery's Community Advisory Panel**
 - Key issues discussed included Flaring, Electrical Reliability Project, and the Turnaround.
- **Hosted recognition event for TUSD teacher recipients of \$100,000 TORC Innovation Education Grant Program.**
- **Sponsored and engaged employee participation for:**
 - ShareFest Community Workday at Edison Elementary School
 - Premier Sponsor of YMCA "Kids Camp Golf Tournament"
 - Torrance Cultural Arts Foundation Arts & Music Festival
 - Torrance Armed Forces Day Parade & Dinner
 - Torrance Relay for Life
 - H.E.L.P. Fundraiser
 - Torrance Area Chamber of Commerce Women's Leadership Event
 - Torrance Education Foundation Fundraiser
 - Torrance Fire Department Awards
 - USC Viterbi School of Engineering Award Program
 - South Bay Children's Health Center 5K for Kids
 - Torrance Historical Society - Louis Zamperini 405 Highway Signage
 - Kiwanis Community Service Recognition Event

QUESTIONS?

SOUTHERN CALIFORNIA EDISON

- Neal Hunstein, Principle Manager



220 kV Service Update

City of Torrance

August 5, 2017

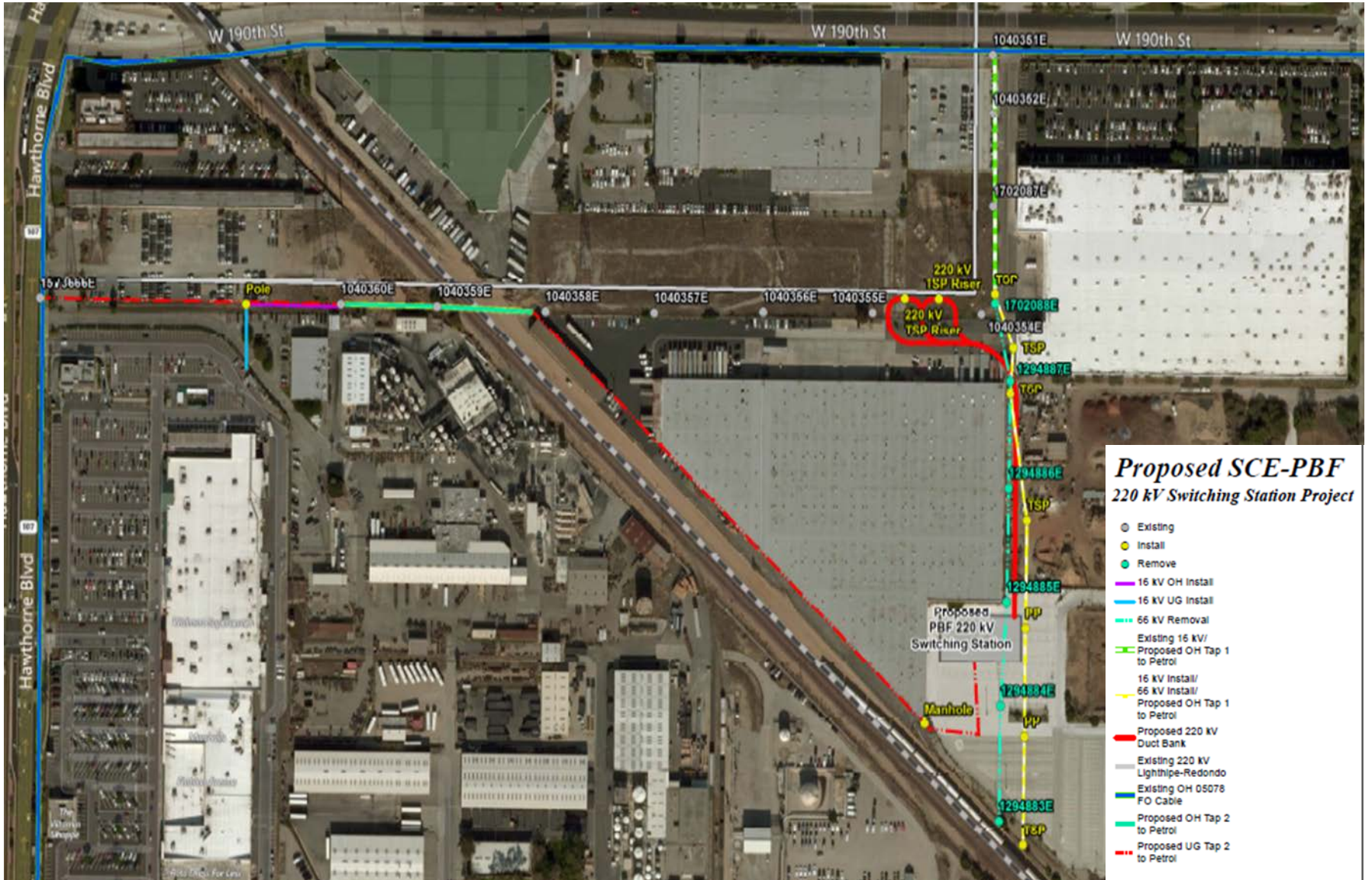
Status Update

- Completed preliminary engineering of 220 kV facility (switching station) and underground transmission
- Completed Method of Service (MOS)
- Continued regular meetings between SCE and PBF Engineering and Management staff
- Working with PBF on coordinated construction and permitting plan

Scope of Project SCE

- Switching station and transmission
 - 220 kV Gas Insulated Switchgear (GIS) Switching Station (on PBF property) & MEER
 - ~875' of 220 kV double-circuit underground transmission duct bank from existing SCE transmission corridor to new switching station
 - Existing 66 kV line relocation
 - 16 kV station light & power service
 - Redundant telecom service
 - Satellite substation work
 - Customer metering
 - Rights-of-way and easements
 - Preliminary project execution schedule: 25 months

SCE Scope



FIRE CHIEF REMARKS

- **Fire Chief Martin Serna**
 - Safety Briefing to Community

Torrance Refinery Technology Workshop

David A. Dumais

Deputy Fire Chief

City of Torrance Fire Department

TFD UPDATE

- MOU – Working with Outside Council
- Torrance Refinery Cooperative Inspection with Los Angeles County Health Haz Mat
- Coordinate Safety Culture Assessment
- California Refinery Regulations
 - May 2017-Department of Industrial Relations, Process Safety Management for Petroleum Refineries.
 - October 2017 - California Accidental Release Program 4 Regulations
 - TBD - Cal OES Emergency and Response Regulations
- Refinery Flaring Notifications

TFD UPDATE – CONT.

- Governor's Interagency Refinery Task Force
 - Agency cooperation to enhance safety at Petroleum Refineries
 - Co-Chair Training group for Refinery Inspectors
- Request for Proposal for Cal ARP Program 4 Consultant
 - CUPA Fee assessment
- SCAQMD Rule Making
 - 1410 Modified Hydrofluoric Acid storage and use
 - 1180 Community Air Monitoring
 - 1118 Refinery Flaring Completed
- Reestablish South Bay Community Awareness and Emergency Response (CAER)

Questions?



SCAQMD

- **Philip M. Fine, Ph.D., Deputy Executive Officer**
 - Rule 1118 - Control of Emissions from Refinery Flares
 - Rule 1180 - Refinery Fenceline and Community Monitoring
 - Rule 1410 – Hydrogen Fluoride Storage and Use
 - Regulation XX - Reclaim

SCAQMD REFINERY RULE DEVELOPMENT UPDATE

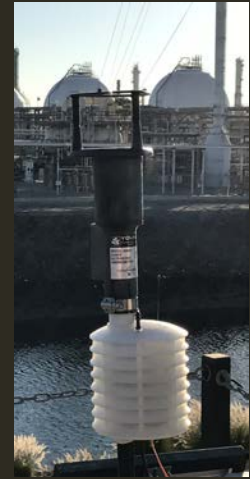
Torrance City Council Workshop
August 5, 2017

RULE 1118 (REFINERY FLARES)



- Recent rule amendments adopted by SCAQMD Governing Board in July 2017
 - ✓ Incorporate key provisions of U.S. EPA Refinery Sector Rule
 - ✓ Facilities must prepare Scoping Document to evaluate feasibility of avoiding or eliminating flaring
 - ✓ Remove \$4 million cap on Mitigation Fees
 - ✓ Update notification and reporting requirements
 - ✓ Update VOC emission factors
 - ✓ Remove outdated provisions
- Will use data from Scoping Documents and proposed Optical Remote Sensing study to reduce flaring emissions further via additional rule amendments

PROPOSED RULE 1180 (FENCELINE/ COMMUNITY AIR MONITORING)



- Staff has been conducting pilot programs to better understand new air pollution monitoring technologies
- U.S. EPA and Bay Area AQMD have existing fence line monitoring rules
- Proposing fence line/community air monitoring requirements
 - ✓ Equipment to continuously monitor, record, and report air pollutant levels in real-time
 - ✓ Refinery required to submit a monitoring plan
 - ✓ Public disclosure of continuous dissemination of data
 - ✓ Procedures for maintenance and failure, quality assurance, and potential third party oversight (e.g., auditing)
- Staff has prepared draft Guidelines to assist in implementing the rule
- Planning Public Workshop in September and seeking Board approval in November 2017

PROPOSED RULE 1410 (USE OF HF AT PETROLEUM REFINERIES)



- Established working group comprised of refinery and business representatives, government agencies, community groups, and environmental organizations
- 4 well-attended working group meetings presenting on a variety of topics:
 - ✓ American Petroleum Institute (API) recommendations to mitigate potential HF releases
 - ✓ Existing safety mechanisms and worker training at each affected Refinery
 - ✓ Community concerns and recommendations
 - ✓ Alternative technologies (sulfuric acid, solid acid, ionic liquid)
 - ✓ CalOSHA Process Safety Management (PSM) program
- Staff participated in comprehensive site visits to both affected refineries
- Assessing all available information on HF hazard mitigation
- Initial rule concepts discussed
- Begin the CEQA and Socioeconomic process

REGULATION XX (RECLAIM)



- Approved 2016 AQMP includes control measure to achieve 5 tons per day as soon as feasible, no later than 2025, and transition to command and control regulation ASAP
- Proposed concepts:
 - ✓ No new facilities would be added to RECLAIM
 - ✓ No facilities can elect to enter RECLAIM
 - ✓ Mandatory exit provisions
 - ✓ Opt-out provisions for electric-generating facilities

Mass Notification System



Michael D. Smith, Cable & Community Relations Manager

August 5, 2017

Mass Notification System

- ✓ Review of TorranceAlerts Policy and Guidelines Statement
- ✓ Status of Interactive Communication Office



Mass Notification System



July 18, 2017, the City Council adopted a RESOLUTION approving a Standard Policy Statement and Guidelines concerning Torrance Alerts, the city's mass notification system.

Mass Notification System



PURPOSE

Provide governance and guidelines on the use and management of the City of Torrance, Mass Notification System, **"TorranceAlerts"**.

Mass Notification System



Torrance Public Warning System

- **TorranceAlerts**
- Torrance Refining Company Sirens
- Crenshaw / Del Amo Barrier Systems
- Torrance Amateur Radio Association (TARA)
- Disaster Hotline (310.618.2320)
- Social Media (Facebook, Twitter, Nixle)
- Radio (CitiSOUNDS AM1620)
- Television (CitiCABLE 3, 31, 25.2)

Get the information you need, when you need it.
If we can't reach you we can't alert you.

Sign up to get **EMERGENCY ALERTS**

The graphic features a photograph of three people standing in a parking lot with cars. A large, dark, billowing smoke cloud is visible in the background, suggesting an emergency situation. The text is overlaid on the image. At the bottom, there is a red banner with the text "Sign up to get EMERGENCY ALERTS" and the TorranceAlerts logo on the right. On the left, there is a circular seal for the City of Torrance, California, with the text "CITY OF TORRANCE CALIFORNIA" and "RESIDENTIAL COMMUNITY".

www.TorranceCA.Gov/TorranceAlerts

www.TorranceCA.Gov/TorranceAlerts



Mass Notification System



TorranceAlerts Deployment

- Landline phone numbers (including unlisted)
- Self-registration or “Opt-in”
- Integrated Public Alert and Warning System (IPAWS)

Mass Notification System Policy and Guidelines Statement



- **TorranceAlerts** = Emergency
- Emergency = **"Call-to-Action"**

Examples may include *"avoid this intersection"*, *"shelter-in-place"*, *"evacuate this area"*, etc.

A graphic for a sign that reads: "Get the information you need, when you need it. If we can't reach you we can't alert you." The background shows a street scene with cars and people. At the bottom, there is a red banner with the text "Sign up to get EMERGENCY ALERTS" and the TorranceAlerts logo. To the left of the banner is a circular seal for the City of Torrance, California, with the text "OFFICIAL SEAL OF THE CITY OF TORRANCE CALIFORNIA" and "RESIDENTIAL COMMUNITY". Below the sign is the website address "www.TorranceCA.Gov/TorranceAlerts".

Get the information you need, when you need it.
If we can't reach you we can't alert you.

Sign up to get
EMERGENCY ALERTS

www.TorranceCA.Gov/TorranceAlerts

Mass Notification System

Policy and Guidelines Statement



EMERGENCY MESSAGING

1. Imminent or perceived threat to life or property
2. Disaster notifications
3. Evacuation notices
4. Public health emergencies
5. Public safety emergencies
6. Emergency information to a defined community

Mass Notification System

Policy and Guidelines Statement



NON-EMERGENCY MESSAGING

1. **Advisory Messages** for specific geographic area re: lost children, crime, water main breaks, other government agencies information -weather, air quality, etc.
2. **Community Messages** about city-sponsored events, impacts to a specific area, important public meetings or gatherings

Get out and play!
Find out more about
parks and open spaces.
If we can't reach you,
we can't alert you.



 **Get news about
PARK FACILITIES** 

www.TorranceCA.Gov/TorranceAlerts

 **PARK FACILITIES** 

Mass Notification System Policy and Guidelines Statement



NON-EMERGENCY MESSAGING CONSIDERATIONS

1. Desensitized to too many messages
2. Notifications become identified as non-emergencies
3. Creates unrealistic expectations and confusion

Mass Notification System

Policy and Guidelines Statement



NON-EMERGENCY MESSAGING

- Sent to eNotify webpage and designated social media (Facebook and Twitter)
- Opt-in community via email with certain subscriptions

A promotional graphic for local cultural arts. It features a purple background with silhouettes of people in various poses. In the center, a woman in a white dress is shown in a framed area. The text reads: "Let us entertain you. Get updates about performing arts. If we can't reach you, we can't alert you." Below the text is a purple banner with the text "Get news about local CULTURAL ARTS" and the TorranceAlerts logo. At the bottom, the website address "www.TorranceCA.Gov/TorranceAlerts" is displayed. The graphic also includes the official seal of the City of Torrance on the left and the TorranceAlerts logo on the right.

Let us entertain you.
Get updates about
performing arts.
If we can't reach you,
we can't alert you.

Get news about local
CULTURAL ARTS

www.TorranceCA.Gov/TorranceAlerts

Mass Notification System

INTERACTIVE COMMUNICATIONS OFFICE



FUNDING

- Torrance Refining Company committed to \$145,000 annual support for 5 years

OFFICE

- Office created, equipment purchased and installed

Mass Notification System

INTERACTIVE COMMUNICATIONS OFFICE



PERSONNEL

- Job description created
- Exam created (written and performance)
- Over 200 applications screened
- Performance exam and oral interviews conducted
- Selections completed

Mass Notification System

INTERACTIVE COMMUNICATIONS OFFICE



TRAINING

- Coordinated with Fire and Police
- 5 weeks Training
- Shadowing Police Personnel next week

TRANSITION

- From TPD to ICO - August 13, 2017



www.TorranceCA.Gov/TorranceAlerts

COMMUNITY AIR MONITORING ALERT SYSTEM

SCAQMD SUPPLEMENTAL ENVIRONMENT PROJECT (SEP)

- SCAQMD approved award of projects for the \$2.7 Million Fund for Air Quality Improvement Projects
 - Sonoma Technology (STI) – Community Air Monitoring System
 - City of Torrance – Community Notification via Torrance Alerts
- City working with Argos Scientific to compare proposals
- Meeting scheduled with STI, SCAQMD & City on August 15, 2017
- Item forthcoming to City Council to seek direction

MOVING FORWARD

REFINERY SAFETY AND ELECTRICAL RELIABILITY

- Continue to meet with Torrance Refining Company
- Continue monthly meetings with City, TRC and SCE

COMMUNICATIONS

- Promote and enhance Torrance Alerts public safety notifications
- Update City's website regularly
www.TorranceCA.gov/Refinery
- Continue work with TRC on community outreach on shelter in place campaign

MOVING FORWARD

ALTERNATIVE ALKYLATION METHODS

- Continue to seek alternative models
- Follow up with SCAQMD on community workshop to discuss Alkylation Technology Study (Norton Report)

REGULATIONS

- Monitor CALARP regulations implementation – **expected Oct. 1, 2017**
- Cal Department of Industrial Relations (DIR) - Process Safety Management Regulations – 2017
- Participate in SCAQMD Rule Making Process

PUBLIC COMMENT



PUBLIC COMMENTS

Torrance, California
Monday, 27 March 2017

TORRANCE
2017 APR 17 PM 1:44
CITY CLERK'S OFFICE

Dear Mayor and Council Members,

I have lived at my current home in North Torrance for 45 years. For most of that time I have felt proud of the refinery located in our fair city. That ended soon after the explosion just over two years ago.

I am thankful for the Daily Breeze exposing how little regard both ExxonMobil and PBF have had for the safety of the citizens of North Torrance. I was appalled to learn that problems leading up to the explosion were ignored for over nine years. I now view the refinery as a hazard and liability, not as an asset. Public safety is being sacrificed to jobs and tax revenue.

I read in today's Daily Breeze that Tim Goodrich will introduce a resolution Tuesday evening urging the AQMD to ban the use of MHF at the refinery. I wholeheartedly support it and strongly urge the Mayor and entire City Council to support it. Most other refineries do not use MHF; why can't PBF do likewise? I sincerely hope the AQMD will develop a reasonable, yet aggressive, schedule to rid our city of this life-threatening hazard.

Sincerely,

Leroy Keranen

A dark, rectangular redacted area covering the signature of Leroy Keranen.

Friday, 07 April 2017

TORRANCE

2017 APR 17 PM 1:46

CITY CLERK'S OFFICE

Dear Mayor and Council Members,

This is my second letter to express my concerns about the presence of extremely toxic MHF at Torrance Refining Company. I am deeply disappointed the Council failed to take a strong stand against MHF and voted down Tim Goodrich's resolution. I strongly urge the Council to revisit the resolution and adopt it unanimously. I believe public safety should be made the Council's highest priority.

TV news reports the last few days have shown us the horrors of gasping, dying children in Syria. Just imagine if the February 2015 explosion had caused a big leak of MHF. News media would have shown similar suffering in Torrance. Torrance would have joined Syria, Bhopal (India, 1984), Pearl Harbor, and Auschwitz in a "World Hall of Infamy." Should such a catastrophe occur here, I am sure many would regret for the rest of their lives that they took no action to prevent it. I must speak out.

Shortly after the 2015 explosion and the Daily Breeze exposé of the casual concern of ExxonMobil for public safety, I sent a protest letter and sold all my shares of XOM. I now see the refinery as more of a hazard than asset to the city. One can never know when the next explosion, fire, leak, accident or malfunction will occur at the refinery. As a precaution I now close my car windows and turn off the ac/heat blower whenever I drive by the refinery.

I believe that Mobil made a bad business decision several decades ago when they decided to use MHF while most other refiners chose to use something safer. PBF has inherited the consequences. I believe it is their civic and moral duty to rectify Mobil's bad judgment. They should immediately start planning how and when to eliminate the use of MHF as quickly as feasible.

I think the claims of loss of jobs and city revenue are bogus issues. It seems reasonable to me that it will take just as many people to operate the refinery with or without the use of MHF. I would expect some production disruption and a blip in gasoline prices during the transition to a safer process, but no long-term negatives — just a positive result — a safer community.

I strongly urge the Council to take a strong stand against MHF and work diligently with the AQMD and other agencies to rid Torrance of this extremely hazardous chemical as quickly as feasible. Please elevate the safety of me and my neighbors to be the highest priority, even over the objections of Torrance Refining Company. I believe that is your civic and moral duty.

Sincerely,

Leroy Keranen

[Redacted signature]

[Redacted signature]

Poirier, Rebecca

TORRANCE

From: Herring, Milton
Sent: Tuesday, April 11, 2017 11:32 AM
To: City Clerk
Subject: Fwd: BAN on MHF

2017 APR 17 PM 1:47

CITY CLERK'S OFFICE

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: Sara McKown [REDACTED]
Date: 4/11/17 10:25 AM (GMT-08:00)
To:
Subject: BAN on MHF

Dear Council member,
I was very disappointed that you didn't support the initial vote to ban MHF. I'm asking you to redeem yourself and vote for Tim Goodrich's resolution 2017 to phase out MHF.

If you do not vote to make our city safer, I will NOT vote for you in the next election.

Sincerely,
an active Torrance voter,

Sara McKown

Sara McKown
Wife, Mother, and Friend

Poirier, Rebecca

From: City Clerk
Subject: FW: MHF-Sigh

----- Original message -----

From: Eileen Haussmann <>
Date: 4/24/17 10:22 AM (GMT-08:00)
To: "Rizzo, Geoffrey" <GRizzo@TorranceCA.gov>
Subject: MHF-Sigh

Dear Honorable Mayor,

I live in Torrance close to the refinery that uses Modified Hydrofloric Acid (MHF) in the refinery process. I am not a chemist and cannot comment on the exact process by which a serious problem would occur. I do know that often times people supporting a questioned process just don't think of all possibilities. Several years ago there was an explosion that came close to causing an MHF release in this refinery.

I guess a headline in the paper brought this to mind. When discussing the Oroville Dam failure the headline quoted that

"MISTAKES IN PLANNING LED TO SPILLWAY FAILURE."

WELL IF YOU DON'T CONSIDER WHAT YOU ARE MISSING THEN THE PLAN IS RULED SAFE?

Again remember the Fukushima disaster in Japan also had warnings but since so many years had passed without anything happening, the warnings weren't considered.

Thank you,
Eileen Haussmann

Torrance, CA

1. There must be a reason that Torrance is only one of two refiners in the state still use MFH.
2. I am a bit suspicious as to why Mobile Oil sold out this refinery. My fertile mind suspects that Mobile would have to pay lots of money if something happened but the new owners, if not worth as much money would just go bankrupt and leave casualties with little compensation for damages and death.
3. When members working for or involved with the refinery now wrote letters to the council just before a meeting, I noticed a suspicious repetition of the same phrase in each and every letter distributed.

Poirier, Rebecca

From: Antonie K. Churg <[REDACTED]>
Sent: Tuesday, May 09, 2017 4:53 PM
To: Poirier, Rebecca; Furey, Pat; Ashcraft, Heidi; Goodrich, Tim; Griffiths, Mike; Herring, Milton; Rizzo, Geoffrey; Weideman, Kurt; Jackson, LeRoy; Ben.Allen@sen.ca.gov; Assemblymember Al Murasutchi; Kathleen Sengstock; Dusty Brandenburg; Supervisor Janice Hahn; Congressman Ted Lieu; Andrew DeBlock
Subject: CSB & EPA findings, on Torrance Refinery and US vs. ExxonMobil
Attachments: CSB&EPAfindings05-09-17.pdf

To the Torrance City Council:

Please accept the attached statement as a request for action on the damning findings by US CSB and EPA. I apologize for a somewhat painstaking listing of these findings and the refusal of both ExxonMobil and PBF to disclose equipment records and process management documents. I hope you will take action to force these companies to stop gambling with the lives of workers and surrounding community.

--
Antonie K. Churg, Ph.D.

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

The US Chemical Safety Board and EPA findings on Torrance Refinery:
Comments presented to the Torrance City Council by Antonie K. Churg, Ph.D., 05-09-17.

On May 3, 2017, the US CSB formally presented their final report with regard to the February 2015 explosion at the Torrance refinery.¹ The investigation found:

- ☞ ExxonMobil had allowed the unit that exploded, the FCC, to be placed in an unsafe standby condition.
- ☞ ExxonMobil used a procedure that had been used in 2012, but that procedure was not valid for the conditions in 2015.
- ☞ ExxonMobil operated the FCC beyond the safe operating life of its components, and had not performed maintenance at necessary intervals.
- ☞ The refinery did not have equipment installed to detect flammable hydrocarbons in the electrostatic precipitator, the ESP.
- ☞ ExxonMobil refinery management did not comply with refinery standards in opening up process equipment to the air.

Between June and October 2015 the CSB had subpoenaed 6 sets of documents that were likely to

- ☞ show whether process safety management violations caused or contributed to the February 2015 explosion;
- ☞ help evaluate the adequacy of Exxon's management of risks in the alkylation unit and the platinum reformer unit, both of which were showered with debris in the February 2015 explosion, nearly leading to further incidents;
- ☞ show the adequacy of Exxon's safeguards against risks posed by the alkylation unit's hydrogen fluoride, which was nearly released in the February 2015 explosion.

ExxonMobil refused to supply either maintenance records or those documents that would indicate the practices followed by workers operating the alkylation unit, or how Exxon evaluates the risks and worst case scenarios.

On May 2, 2017, the US DOJ filed a lawsuit against ExxonMobil to obtain the documents that the US CSB had subpoenaed from ExxonMobil in connection with their investigation of the February 2015 explosion. The suit bears the title, "Petition to Enforce Administrative Subpoenas Issued by U.S. Chemical Safety and Hazard Investigation Board". The suit was filed in Federal Court in downtown Los Angeles.²

Since startup under PBF Energy, the Torrance Refinery has had several fires, including one in the alkylation unit, mechanical failures and emergency shutdowns with severe flaring. In late March, the EPA released its findings. These include but are not limited to the following:

- ☞ PBF's risk assessment and risk management policies were found to be sloppy.
- ☞ PBF's calculations of release and dispersion of HF were based on the wrong chemical.
- ☞ Piping and instrument diagrams did not match the actual equipment.
- ☞ The additive that was supposed to suppress release of HF was separating out and needed to be pumped back.
- ☞ Safeguards such as fire monitors and showers were not working during unloading of HF.

In the face of the CSB's and the EPA's findings, the Torrance Fire Department defers to the Refinery owners and uncritically repeats the corporate propaganda. The AQMD is holding a lengthy series of workshops on a ban of HF, with much discussion about the proprietary nature of the hydrogen fluoride alkylation process. On the other hand, the members of the public who are paying attention to these issues see the refinery as lacking mechanical integrity and demonstrating poor process safety management. They are asking that the local government agencies put themselves squarely in the community's shoes. We are always told that if you have not done something wrong, then you have nothing to hide. That should apply to ExxonMobil and PBF Energy. If they don't comply with the EPA's and CSB's requests for information, then they must be hiding reckless practices. Until recently the Torrance City Council rejected the community's demands. We hope this will change; you may have death on your hands, and you certainly will be facing elections.

¹ US Chemical Safety Board web page for the investigation is: <http://www.csb.gov/exxonmobil-refinery-explosion/>.

² The complete 34-page civil suit against ExxonMobil is available at: <http://www.courthousenews.com/wp-content/uploads/2017/05/USvExxon.pdf>.

Dear City Clerk Palmer,
Please use your office and
influence to communicate concern
for the safety and health of
Torrance residents.

Urge Council Members to vote to
BAN the use of deadly Hydrofluoric
Acid at the Torrance Refinery. Thank you.
Torrance resident & teacher, Karen Funes

Dear Council Member Ashcraft,
Please show your concern for
the safety and health of Torrance
residents. DO THE RIGHT THING.

Vote to BAN the use of
deadly Hydrofluoric Acid at the
Torrance Refinery.
Thank you.
Torrance resident & teacher, Karen Funes

Dear Council Member Rizzo,
Please show your concern for
the safety and health of Torrance
residents. DO THE RIGHT THING.

Vote to BAN the use of
deadly Hydrofluoric Acid at the
Torrance Refinery. Thank you.
Torrance resident & teacher, Karen Funes