



## Torrance Refinery Action Alliance

### Proposed Amendment to RMP Rule CRF 40 68

#### **CRF 40 68.169** (*suggested placement*)

Assumption: "The first preference is to avoid hazards by using non- or less- hazardous substances or materials"

Per U.S. EPA, Chemical Safety Alert: Safer Technology and Alternatives

For Extremely hazardous substances (EHSs) (As defined pursuant to the Superfund Amendments and Reauthorization Act of 1986) stored and/or used in petroleum manufacturing with a Threshold Quantity (TQ) specified for toxic and reactive highly hazardous chemicals which present a potential for a catastrophic event at or above the threshold quantity, the refiner shall submit a Risk Management Plan (RMP), a Worst Case Scenario (WCS), and Safer Technology and Alternatives Analysis (STAA) subject to third party audits.

Based on this WCS, stating that a potential release with an **endpoint** as calculated by RMP\*Comp or similar model for AEGL-2 or ERGP-2 greater than 1 mile or in area with a high Environment Justice burden per EPA EJSCREEN, the refiner shall be required to implement conversion to a safer alternative wherever feasible.

The burden of proof shall be on the facility to show why no safer alternatives are feasible for that facility. Such claims would subject to third party audits and subject to a 120-day review and determination of availability of feasible alternatives. False statements in the RMP shall result in a fine of \$50,000 per statement.

The Refiner shall implement the conversion to one of the alternative chemical processes identified in the STAA with the following timeline:

Phase 1 – Selection of process vendor, design planning, timeline for conversion and budget for transitioning to an alternative alkylation process. Phase 1 – shall be completed within six months.

Phase 2 – Conversion from concept to commissioning. Phase 2 – shall be completed within three years, with a possible one-year extension

Failure to meet these target dates shall result in a fine of \$50,000 per day.

Submitted by

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