

Mr. Tim Hake
President and Chief Executive Officer
Shell Deer Park Refining Company
Shell Oil Company
P.O. Box 100
Deer Park, Texas 77536

Re: Effective Permit Approval
Initial Issuance
Permit Number: O1669
Shell Oil Company
Shell Deer Park Refining Company
Deer Park, Harris County
Regulated Entity Number: RN100211879
Customer Reference Number: CN601651326

Dear Mr. Hake:

The effective federal operating permit (FOP) for Shell Oil Company, Shell Deer Park Refining Company is enclosed. This FOP constitutes authority to operate the emission units identified in the FOP application.

No comments were received; however, Shell Oil Company, Shell Deer Park Refining requested several minor updates to their permit since commencement of the public notice period. A detailed explanation of these changes are enclosed. Additionally, the statement of basis has been updated to reflect changes made to the permit and is available upon request.

All site operating permits are subject to public petition for 60 days following the expiration of the 45-day U.S. Environmental Protection Agency (EPA) review. The public petition period for the FOP extends from October 30, 2004 until December 28, 2004. If the EPA receives a valid petition and objects to the above-referenced permit, you will be notified promptly by the Texas Commission on Environmental Quality (TCEQ).

It should be noted that from the date of this letter Shell Oil Company, Shell Deer Park Refining Company must operate in accordance with the requirements of Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122) and the FOP. Some of the terms and conditions contained in the FOP include recordkeeping conditions, reporting

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conditions (which includes deviation reporting), and compliance certification conditions. All reports, along with any questions regarding the reports, shall be forwarded to the TCEQ's Houston Regional Office, 5425 Polk Avenue, Suite H, Houston, Texas 77023-1486.

Consistent with 30 TAC Chapter 122, Subchapter C, the permit holder shall submit an application to the Air Permits Division (APD) for a revision to an FOP for those activities at a site which change, add, or remove one or more FOP terms or conditions. The permit holder shall also submit an application to the APD for a revision to a permit to address the following: the adoption of an applicable requirement previously designated as federally enforceable only; the promulgation of a new applicable requirement; the adoption of a new state-only requirement; or a change in a state-only designation.

Please reference the regulated entity number (RN), customer reference number (CN), and permit number noted in this document in all your future correspondence for the referenced facility or site. The RN replaces the former TCEQ account number for the facility (if portable) or site (if permanent). The CN is a unique number assigned to the company or corporation and applies to all facilities and sites owned or operated by this company or corporation.

Thank you again for your cooperation in this matter. If you have questions concerning the review or this notice, please contact Mr. Tomás Ennis at (512) 239-3553.

Sincerely,

Glenn Shankle
Executive Director
Texas Commission on Environmental Quality

GS/TEE/bis

cc: Mr. Mike P. Bellinger, Vice President Operations, Shell Oil Company, Deer Park
Mr. Glenn Gibler, Manager, Environmental and Compliance Assurance, Shell Oil Company,
Deer Park
Mr. Ryan Trainer, Senior Environmental Engineer, Shell Oil Company, Deer Park
Mr. Murali Ramamoorthy, Consultant, URS Corporation, Houston
Mr. Rob Barrett, Director, Harris County Public Health and Environmental Services,

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Pollution
Control Department, Pasadena
Ms. Karen Atkinson, Air Section Manager, Region 12 - Houston

Enclosure: 1. Modifications to Proposed Permit
2. Effective Permit

cc: Air Permit Section Chief, U.S. Environmental Protection Agency, Region 6, Dallas

Project Number: 1669

bcc: Michael De La Cruz, TCEQ Office of Environmental Policy, Analysis & Assessment, Industrial Emissions Assessment Section (MC-164), Austin

Modifications to Proposed Permit

The updates requested by Shell Oil Company, Shell Deer Park Refining encompassed one of three changes:

- 1) The emission unit was removed and needed to be deleted from the permit.
- 2) The emission unit needed to have the preconstruction authorization updated. (All of these units were initially listed as being grandfathered units. Reviews to permit these units were ongoing during the review process as part of the Agency's effort to permit grandfathered units.)
- 3) The emission needed to have the emission unit ID changed (to coincide with the TCEQ emissions inventory database).

The applicant submitted a list of units, along with the necessary changes that needed to be made. The Title V FOP was updated to reflect these changes, as well as, the IMS Database and the Statement of Basis. The following is the list of units and the type of change made:

<u>Emission Unit</u>	<u>Change</u>
COL201	Unit deleted from the permit
CPSF	Unit deleted from the permit
D378	Unit deleted from the permit
DOCK 2 FUG	Unit deleted from the permit
F305	Unit deleted from the permit
F339	Unit deleted from the permit
F340	Unit deleted from the permit
FEALKY	Unit deleted from the permit
FEFUGDISP	Unit deleted from the permit
FEFUGTHCR	Unit deleted from the permit
FEMTBE	Unit deleted from the permit
FESATS	Unit deleted from the permit
FLCCULTR	Unit deleted from the permit
FLSHMIX	Unit deleted from the permit
FPPHPIT	Unit deleted from the permit
FUGALKY	Unit deleted from the permit
FUGATCF	Unit deleted from the permit
FUGPH1	Unit deleted from the permit
GOHTHCFUG	Unit deleted from the permit
J307	Unit deleted from the permit
PP2F	Unit deleted from the permit
SS330	Unit deleted from the permit
TA314	Unit deleted from the permit

UTILSOF	Unit deleted from the permit
V-1315 VENT	Unit deleted from the permit (part of GRP-VENT which was entirely deleted)
V-1441 VENT	Unit deleted from the permit (part of GRP-VENT which was entirely deleted)
V-5116 VENT	Unit deleted from the permit (part of GRP-VENT which was entirely deleted)
V-5145 VENT	Unit deleted from the permit (part of GRP-VENT which was entirely deleted)
V-5476 VENT	Unit deleted from the permit (part of GRP-VENT which was entirely deleted)
V-630004 VENT	Unit deleted from the permit (part of GRP-VENT which was entirely deleted)
AR300-FL	Preconstruction Authorization updated (previously "grandfathered")
FUGALKY1	Preconstruction Authorization updated (previously "grandfathered")
FUGDISP	Preconstruction Authorization updated (previously "grandfathered")
FUGDU2	Preconstruction Authorization updated (previously "grandfathered")
FUGGOHT	Preconstruction Authorization updated (previously "grandfathered")
FUGMTBE	Preconstruction Authorization updated (previously "grandfathered")
FUGSR5	Preconstruction Authorization updated (previously "grandfathered")
FUGSR6/7	Preconstruction Authorization updated (previously "grandfathered")
FUGTHCR	Preconstruction Authorization updated (previously "grandfathered")
H5350	Preconstruction Authorization updated (previously "grandfathered")
SR3/4FE	Preconstruction Authorization updated (previously "grandfathered")
V5527	Preconstruction Authorization updated (previously "grandfathered")
X322	Preconstruction Authorization updated (previously "grandfathered")
X323	Preconstruction Authorization updated (previously "grandfathered")
FEGR200	Changed Emission Unit ID from "FEGR200" to "FUGGR200"