



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

February 14, 2006

Docket No. 03011264

License No. 37-08275-03

Richard G. Mattis
Health and Safety Coordinator
Sunoco, Inc.
Marcus Hook Refinery
Marcus Hook, PA 19061-0426

SUBJECT: INSPECTION 03011264/2006001, SUNOCO, INC., MARCUS HOOK
REFINERY, MARCUS HOOK, PENNSYLVANIA

Dear Mr. Mattis:

On February 10 and 13, 2006, Steven Courtemanche of this office conducted a safety inspection through telephone discussions with you and Thomas Surynt of your staff of activities authorized by the above listed NRC license. The inspection was an examination of your licensed activities as they relate to radiation safety and to compliance with the Commission's regulations and the license conditions. The inspection consisted of interviews with personnel. The findings of the inspection were discussed with of your organization at the conclusion of the inspection.

Within the scope of this inspection, no violations were identified.

Current NRC regulations are included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Medical, Industrial, and Academic Uses of Nuclear Material**; then **Toolkit Index Page**. The current NRC Enforcement Policy is included on the NRC's website at www.nrc.gov; select **What We Do, Enforcement**, then **Enforcement Policy**. Or you may obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 9:00 p.m. EST, Monday through Friday (except Federal holidays).

No reply to this letter is required. Your cooperation with us is appreciated.

Sincerely,

Original signed by James P. Dwyer

James P. Dwyer, Chief
Commercial and R&D Branch
Division of Nuclear Materials Safety

cc:
Thomas Surynt, Radiation Safety Officer
Commonwealth of Pennsylvania

R. Mattis
Sunoco, Inc.

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SISP Review Complete: SCourtemanche

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| OFFICE | DNMS/RI | N | DNMS/RI | | DNMS/RI | | | |
| NAME | SCourtemanche/src | | JDwyer/jpd | | | | | |
| DATE | 02/14/2006 | | 02/15/06 | | | | | |

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