

INSPECTION FINDINGS AND LICENSEE ACKNOWLEDGMENT

E III Initial

1. LICENSEE <i>The Standard Oil Company The John Hancock Mutual Life Insurance Co. Chicago, Ill. 60602</i>	2. REGIONAL OFFICE U. S. ATOMIC ENERGY COMMISSION REGION III, DIVISION OF COMPLIANCE 799 ROOSEVELT ROAD GLEN ELLYN, ILLINOIS 60137
3. LICENSE NUMBER(S) <i>505-115 Initial at 42-7-68</i>	4. DATE OF INSPECTION <i>6-5-68</i>
5. INSPECTION FINDINGS <input checked="" type="checkbox"/> A. No item of noncompliance was found. <input type="checkbox"/> B. Rooms or areas were not properly posted to indicate the presence of a RADIATION AREA. 10 CFR 20.203(b) or 34.42 <input type="checkbox"/> C. Rooms or areas were not properly posted to indicate the presence of a HIGH RADIATION AREA. 10 CFR 20.203(c) (1) or 34.42 <input type="checkbox"/> D. Rooms or areas were not properly posted to indicate the presence of an AIRBORNE RADIOACTIVITY AREA. 10 CFR 20.203(d) <input type="checkbox"/> E. Rooms or areas were not properly posted to indicate the presence of RADIOACTIVE MATERIAL. 10 CFR 20.203(e) <input type="checkbox"/> F. Containers were not properly labeled to indicate the presence of RADIOACTIVE MATERIAL. 10 CFR 20.203(f) (1) or (f) (2) <input type="checkbox"/> G. A current copy of 10 CFR 20, a copy of the license, or a copy of the operating procedures was not properly posted or made available. 10 CFR 20.206(b) <input type="checkbox"/> H. Form AEC-3 was not properly posted. 10 CFR 20.206(c) <input type="checkbox"/> I. Records of the radiation exposure of individuals were not properly maintained. 10 CFR 20.401(a) or 34.33(b) <input type="checkbox"/> J. Records of surveys or disposals were not properly maintained. 10 CFR 20.401(b) or 34.43(d) <input type="checkbox"/> K. Records of receipt, transfer, disposal, export or inventory of licensed material were not properly maintained. 10 CFR 30.51, 40.61 or 70.51 <input type="checkbox"/> L. Records of leak tests were not maintained as prescribed in your license, or 10 CFR 34.25(c) <input type="checkbox"/> M. Records of inventories were not maintained. 10 CFR 34.26 <input type="checkbox"/> N. Utilization logs were not maintained. 10 CFR 34.27 <div data-bbox="289 1575 644 1669"><p>8811070367 881014 PDR FOIA FRENCHBB-404 PDR</p></div> <div data-bbox="743 1617 1552 1701"><p><i>[Signature]</i> AEC Compliance Inspector</p></div>	
6. LICENSEE'S ACKNOWLEDGMENT The AEC Compliance Inspector has explained and I understand the items of noncompliance listed above. The items of noncompliance will be corrected within the next 30 days. <div data-bbox="214 1911 1552 1957"><p>_____ (Date) (Licensee Representative - Title or Position)</p></div>	

ORIGINAL: LICENSEE. COPIES: ☐ CO REGION ☐ CO HEADQUARTERS ☐ CO ENFORCEMENT

Mailed 6-7-68

811

The Standard Oil
Company (Ohio)
License No. SUB-908
June 5, 1968

HEALTH PHYSICS ANALYSIS

The licensee's radiation safety program is deemed adequate by the inspector. Closed systems are used to transfer material from one phase to another in the manufacture of the uranium-bearing catalyst to reduce airborne radioactivity to a minimum.

Licensee has disposed of no waste material to date except for trace to sewer systems and out stacks. Has stored waste on hand but plans to reclaim much of this which was generated during plant startup.

Nothing has been detected to date in routine water sampling and air sampling results have demonstrated that personnel exposures on time weighted basis have been within limits permitted in 10 CFR Part 20 in all cases and most all well below this. In addition, licensee uses half face masks as additional protection (but makes no allowance for it) if they suspect any air activity. Film badge service and urine sample analyses have indicated no appreciable external or internal personnel exposures to date.

Down wind off site air samples on monthly basis has revealed nothing detectable ($\frac{1}{4}$ to $\frac{1}{2}$ of allowable limit) to date.

The inspector is of the opinion that the program as currently conducted and supervised presents no significant health or radiation hazard. No items of noncompliance were found and a "clear" Form AEC-591 was issued.