

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED: <b>BASF</b> <b>1609 Biddle Ave.</b> <b>Wyandotte, MI 48192</b>		2. NRC/REGIONAL OFFICE <b>USNRC</b> <b>Region III</b> <b>4514</b> <b>2443 WARRENVILLE RD</b> <b>LISC, FL 60139</b>	
REPORT NUMBER(S) <b>2006001</b>			
3. DOCKET NUMBER(S) <b>030-04787</b>	4. LICENSE NUMBER(S) <b>21-00627-02</b>	5. DATE(S) OF INSPECTION <b>11/23/06</b>	

**LICENSEE:**  
 The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

- 1. Based on the inspection findings, no violations were identified.
  - 2. Previous violation(s) closed.
  - 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, NUREG-1600, to exercise discretion, were satisfied.
- \_\_\_\_\_ non-cited violation(s) were discussed involving the following requirement(s):

- 4. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.

(Violations and Corrective Actions)  
**License CONDITION 17, requires that the following services shall not be performed by the licensee: installation, dismantling AND disposal of the sealed source. These services shall be performed only by the persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.**  
**Contrary to the above, the licensee dismantled six fixed gauges AND transported them to the licensed vendor during the period 1999-2002.**  
**The licensee agrees to the following corrective action which will include informing the personnel that they are NOT AUTHORIZED to remove or dismantle any fixed gauges in the future AND to contact the vendor for removal of the last fixed gauge.**

**Statement of Corrective Actions**

I hereby state that, within 30 days, the actions described by me to the inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

TITLE	PRINTED NAME	SIGNATURE	DATE
LICENSEE	<b>MARK J. MCKINNEY</b>		<b>11/23/06</b>
NRC INSPECTOR	<b>MADERA / KULLER</b>		<b>11/23/06</b>

**Docket File Information**  
**SAFETY INSPECTION REPORT**  
**AND COMPLIANCE INSPECTION**



1. LICENSEE <b>BASF Corporation</b> REPORT NUMBER(S) 03030852/2005-001		2. NRC/REGIONAL OFFICE <b>Region III</b>	
3. DOCKET NUMBER(S) 030-04787	4. LICENSE NUMBER(S) 21-00627-02	5. DATE(S) OF INSPECTION January 23, 2006	
6. INSPECTION PROCEDURES USED 87124	7. INSPECTION FOCUS AREAS 03.01 - 03.07		

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S) 03120	2. PRIORITY 5	3. LICENSEE CONTACT Mark McKinney	4. TELEPHONE NUMBER 734/324-6729
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Main Office Inspection      Next Inspection Date: January 2011

Field Office \_\_\_\_\_

Temporary Job Site \_\_\_\_\_

**PROGRAM SCOPE**

The licensee produces plastics, vitamins, and other polymer products and employs approximately 800 individuals. The licensee currently possesses one specifically licensed fixed gauge located outside at the Polyol tank in the tank farm facility. The licensee has disposed of many of the fixed gauges that were present during the previous inspection.

The inspector issued a violation for the licensee's unauthorized removal of six fixed gauges which is a violation of License Condition 17. The licensee agreed to *contact the vendor for removal of the last fixed gauge when that occurs.*

Currently, one individual (authorized users) is involved with use and oversight of the device which is the RSO.

The gauge was leak tested at three-year frequencies in accordance with manufacturers specifications. Inventories and shutter checks are performed at required frequencies.

**Performance Observations**

The inspector performed a walk down of the facility and observed the fixed gauge in conjunction with the licensee's current inventory as well as the four electron capture devices. The licensee had lock/tag-out and leak test procedures which were also adequately described for the fixed gauge.

Interviews conducted with plant workers revealed that under no circumstances would a vessel be entered without RSO supervision following lock-out/tag-out procedures. The inspector performed independent and confirmatory radiation measurements which indicated similar results as noted in the licensee's survey records.