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The Dow Chemical Company
P.O. Box 150
Plaquemine, Louisiana 70765-0150

December 29, 1994

Gerald Wagener
Bldg. 2511

cc: Charles Jackson B-1501

**Response to Reactive Chemicals Review - Glycol 1 New
Superintendent**

1. The plant's reactive chemicals files/slides for the new titanium degasser will be updated to include the safeguards for the reactor trips and the avoidance of a titanium/chlorine reaction.
Responsibility: Roger Thompson
Expected Completion: 2/95
2. Glycol 1 will review with Solvents the procedures and safeguards in place for preventing the mixing of the Glycol 1 and R&D Methocel pilot plant vent streams.
Responsibility: Ruth Rabalais
Expected Completion: 2/95
3. The plant will review this CRI report with the COG Tech Center. We will modify our current procedures of a 25% trip only with the recommendations of the Tech Center. We have our current alarms and shutdowns to comply with the current Tech Center guidelines for all of the PO plants. All changes must be approved by the Tech Center to allow for standardization of the technology globally.
Responsibility: Roger Thompson
Expected Completion: 2/95

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4. This scenario and past performance data will be reviewed with the Tech Center. The recommendations of the Tech Center will be documented and modifications made as necessary to compile with the standards.
Responsibility: Roger Thompson
Expected Completion: 6/95
5. The criticality of the insulation will be noted in the annual reactive chemical training and documented in the maintenance files. An inspection of the condition of the insulation will be added to the P-9 file.
Responsibility: Roger Thompson
Expected Completion: 2/95
6. This will be considered as modifications are made to pumps.
Responsibility: None
Expected Completion: On-going
7. The Tech Center will be contacted to review possible scenarios of air getting into the PO purification area.
Responsibility: Roger Thompson
Expected Completion: 3/95
8. A chemical compatibility chart will be generated for Glycol-1.
Responsibility: Tonya Tyler
Expected Completion: 6/95
9. The data for the Poly PO adsorber will be documented and reviewed with R&D and the Tech Center. The alarms, shutdowns, and procedures will be documented in the plant's reactive chemical files/slides.
Responsibility: Roger Thompson
Expected Completion: 3/95
10. The data for the TPG Hydrogenation will be reviewed and compared with the current practice. This will be documented in the plant's reactive chemical files/slides.
Responsibility: Ruth Rabalais
Expected Completion: 3/95

11. The correct absorbent for cleaning up spent Karl Fischer reagent spills will be investigated. This will be documented in the plant's reactive chemical files/slides and communicated to all plant personnel.

Responsibility: Ronnie Roach / Ronnie Ulbright

Expected Completion: 3/95

12. A spill kit for the lab will be obtained.

Responsibility: Ronnie Roach / Ronnie Ulbright

Expected Completion: 3/95

A report will be sent to you in July of 1995 to review the actual completion dates for the action items.



Ronnie Roach
Glycol 1

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