

March 24, 1986

Allied Chemical Company
ATTN: Mr. A. D. Riley
Plant Manager
P. O. Box 430
Metropolis, IL 62960

Gentlemen:

This letter confirms the conversations on March 24, 1986, between you and Messrs. Greger and Shafer of my staff, concerning the overfilling of a uranium hexafluoride cylinder on March 23, 1986.

We understand that you have initiated the following interim corrective actions and that these measures will remain in place until all distillation operators and appropriate supervisory personnel have completed a formal training program on process operations and have successfully passed a written examination on the training. We understand that this training is presently scheduled to be completed by April 10.

1. Process Engineers will provide 24-hour site coverage.
2. The Shift Supervisor will independently observe and verify proper operating practices at the start and the completion of each cylinder filling process.

We also understand that you will complete the following additional actions.

1. By April 1, 1986, you will perform an engineering feasibility study for automatic termination of the uranium hexafluoride fill process to minimize the possibility of a cylinder overfill, and inform our staff of the results of the study.
2. Cylinder filling operations will not be conducted unless two independent methods of determining the amount of uranium hexafluoride in the cylinder exist.
3. The uranium hexafluoride totalizer readout and alarm functions will be operational by April 15, 1986.

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Please let us know immediately if your understanding differs from that set forth above.

Sincerely,

Original signed by
James G. Keppler

James G. Keppler
Regional Administrator

cc: J. Axelrad, IE
J. G. Partlow, IE
Illinois Department of
Nuclear Safety
DCS/RSB (RIDS)

bcc: R. E. Cunningham, NMSS

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Gregor/as
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Shorer

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Tambling
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