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By Linell Carter at 9:53 am, Nov 12, 2009



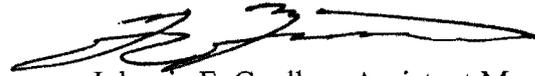
**Department of Energy
National Nuclear Security Administration
Pantex Site Office
P. O. Box 30030
Amarillo, TX 79120**



NOV 10 2009

MEMORANDUM FOR: W. R. Mairson, Environment, Safety, & Health, B&W Pantex

FROM:

A handwritten signature in black ink, appearing to read "Johnnie F. Guelker".

for

Johnnie F. Guelker, Assistant Manager for Environmental
& Site Engineering Programs

SUBJECT:

Amendment to Authorization of Class V Injection Wells – Texas
Commission on Environmental Quality (TCEQ) Authorization No.
5X2600215; Tracking No. 1286700-1

Please reference the attached TCEQ letter dated November 2, 2009, subject as above.

Referenced letter approves the development of an additional 20 wells for in situ bioremediation of the perched aquifer at Pantex. Note the specific standard requirements identified in the letter. Consideration should be given to address requirement No. 4. It is in the best interest of both the TCEQ as well as Pantex to have a standardized reporting schedule consistent between the various authorizations.

Request you prepare a letter for the TCEQ consideration which would standardize a reporting calendar for the various authorizations of the bioremediation well field reporting cycles.

If you have any questions, please contact Craig Snider of my staff at extension 5906.

Attachment

cc w/attachment (via email):

A. Wilson, EC, PXSO
D. Huddleston, Projects, B&W
T. Biggs, Projects, B&W
J. Flowers, RCD, B&W
RCD/WOD, Records, B&W

Bryan W. Shaw, Ph.D., *Chairman*
Buddy Garcia, *Commissioner*
Carlos Rubinstein, *Commissioner*
Mark R. Vickery, P.G., *Executive Director*

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

November 2, 2009

Mr. Johnnie Guelker
Department of Energy
Pantex Plant
P. O. Box 30030
Amarillo, Texas 79120-0030

Re: Amendment to Authorization of Class V Injection Wells
TCEQ Authorization No. 5X2600215; Tracking No.1286700-1
CN600125009/RN100210756
Hazardous Waste Permit 50284
Pantex Plant
Amarillo, TX 79120

Dear Mr. Guelker:

The Underground Injection Control (UIC) staff has completed review of the request for amendment of the above authorization received on August 24, 2009 from the U.S. Department of Energy requesting approval to add 20 injection wells to the remediation system. Our consideration of this proposed project for injection has included coordination with the commission's Remediation Division. Based on our review, approval is hereby given for construction and operation of the injection wells according to the submitted plans and specifications.

In order to maintain authorization by rule for the injection operations, the project must meet all requirements set by the Remediation Division and the UIC rules provided by 30 TAC Chapter 331. Requirements for the injection include:

1. All injection wells and/or galleries are to be constructed to meet the standards provided in 30 TAC Section (§)331.132 and as built construction diagrams submitted to the UIC Permits Team, Radioactive Materials Division, at mail code MC 130 within 30 days of completion;
2. Operational and status changes shall be reported to and approved by the UIC Permits Team;
3. Closure (plugging) of injection wells shall comply with standards provided in 30 TAC §331.133. Closure reports including injection well monitoring data (injection volumes, pressures, and results) and plugging reports shall be submitted to the UIC Permits Team, Radioactive Materials Division, at mail code MC 130 within 60 days of conclusion of injection activities; and

Mr. Johnnie Guelker
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4. Status reports shall be submitted to the UIC Permits Team, Radioactive Materials Division, at mail code MC-130 on a semiannual basis from the date of this letter. These reports shall consist of a report of the injection activities over the past six months, including any plugged wells, well operating and monitoring data (rate, volume, etc.) as required by the well authorization conditions.

If you have any questions regarding this matter, please contact me at (512) 239-6075. If you will be corresponding by mail, please use mail code MC-130.

Sincerely,

A handwritten signature in black ink, appearing to read "Bryan Smith", with a large, stylized flourish extending to the right.

Bryan Smith, P.G.
Radioactive Materials Division
Waste Permits Division
Texas Commission on Environmental Quality

BS/fp