

EPA Region III

Pennsylvania General Energy Company, L.L.C. UIC Permit

Administrative Record Index

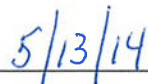
1. February 1, 2013 UIC application from Pennsylvania General Energy Company, L.L.C.
2. May 2, 2013, UIC Application as supplemented by Pennsylvania General Energy Company, L.L.C. during the review process
3. Correspondence between the Region and Pennsylvania General Energy Company, L.L.C. concerning the UIC application
4. Injectivity Test Report
5. EPA's zone of endangering influence calculations
6. Statement of Basis for the draft permit
7. Draft Permit
8. Public notice of draft permit
9. Public hearing transcript
10. Public comments
11. Region 3 Framework for evaluating seismic potential associated with UIC Class II permit
12. National Academy of Sciences, Induced Seismicity Potential in Energy Technologies, National Academy Press, 2013, in particular Chapters 2 and 3
13. *A White Paper Summarizing a Special Session on Induced Seismicity*, Ground Water Research & Education Foundation, February 2013
14. *Preliminary Report on the Northstar1 Class II Injection Well and the Seismic Events in Youngstown, Ohio Area*, Ohio Department of Natural Resources, March 2012
15. *New Case of Earthquakes Related to an Injection Well in WV?*, Marcellus Drilling News, August 2, 2013
16. Emails with WV Department of Environmental Protection concerning Braxton County, WV earthquakes
17. *Managing the Seismic Risk Posed by Wastewater Disposal*, Earth, April 17, 2012

18. Charlers Scharnberg, *Earthquake Hazard in Pennsylvania*, Pennsylvania Geological Survey, 2003
19. *Earthquakes in Pennsylvania*, website, Pennsylvania Department of Conservation and Natural Resources
20. *Where are the Fault Lines in the United States East of the Rockies*, website, United States Geological Survey, Earthquake Hazard Program
21. General Geology Open File Report 05-01.0: Basement Depth and Related Geospacial Data for Pennsylvania, Pennsylvania Geologic Survey,
<http://www.dcnr.state.pa.us/topogeo/publications/pgspub/openfile/basementmap/index.htm>
22. R. Kerr, *Learning How to NOT Make Your own Earthquake*, Science, Vol. 335, Mar. 23, 2012, pp. 1436-37
23. Seismic maps of Pennsylvania
24. Environmental Justice determination
25. Endangered species determination
26. Halliburton Services Cementing Tables, 1980
27. American Petroleum Institute Website (www.api.org)
28. Final Permit
29. Notice of Permit Issuance
30. Response to Summary Comments
31. EPA National Technical Workgroup Draft Induced Seismicity Report, November 27, 2012
32. EPA National Technical Workgroup Draft Induced Seismicity Report, June 27, 2013.

I, Stephen Platt, a technical Underground Injection Control expert and permit team leader in the Ground Water and Enforcement Branch of the Water Protection Division of Region III, USEPA, certify that the administrative record for the final decision on this permit was final on May 13, 2014. The administrative record includes, to the best of my knowledge, all of the documents required under 40 C.F.R. § 124.18. This Administrative Record Index references all the documents in the administrative record for this permit decision.



Stephen Platt



Date

