



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 - (217) 782-3397
JAMES R. THOMPSON CENTER, 100 WEST RANDOLPH, SUITE 11-300, CHICAGO, IL 60601 - (312) 814-6026

ROD R. BLAGOJEVICH, GOVERNOR DOUGLAS P. SCOTT, DIRECTOR

217785-0561

December 16, 2005

CERTIFIED MAIL # 7004 2510 0001 8648 9027
RETURN RECEIPT REQUESTED

Exelon Generation - Braidwood
Attn: John Petro
RR 1 Box 84
Braceville, IL 60407

Re: Violation Notice: EXELON GENERATION - BRAIDWOOD STATION
Violation Notice No.: W-2005-00537

Dear Mr. John Petro:

This constitutes a Violation Notice pursuant to Section 31(a)(1) of the Illinois Environmental Protection Act, 415 ILCS 5/31(a)(1), and is based upon review of available information and investigation by representatives of the Illinois Environmental Protection Agency ("Illinois EPA").

The Illinois EPA hereby provides notice of violations of environmental statutes, regulations or permits as set forth in Attachment A to this letter. Attachment A includes an explanation of the activities that the Illinois EPA believes may resolve the specified violations, including an estimate of a reasonable time period to complete the necessary activities. However, due to the nature and seriousness of the violations cited, please be advised that resolution of the violations may also require the involvement of a prosecutorial authority for purposes that may include, among others, the imposition of statutory penalties.

A written response, which may include a request for a meeting with representatives of the Illinois EPA, must be submitted via certified mail to the Illinois EPA within 45 days of receipt of this letter. The response must address each violation specified in Attachment A and include for each, an explanation of the activities that will be implemented and the time schedule for the completion of each activity. Also, if a pollution prevention activity will be implemented, indicate that intention in any written response. The written response will constitute a proposed Compliance Commitment Agreement ("CCA") pursuant to Section 31 of the Act. The Illinois EPA will review the proposed CCA and will accept or reject the proposal within 30 days of receipt.

If a timely written response to this Violation Notice is not provided, it shall be considered a waiver of the opportunity to respond and meet, and the Illinois EPA may proceed with a referral to the prosecutorial authority.

ROCKFORD - 4102 North Main Street, Rockford, IL 61103 - (815) 987-7780 • DE PLAINES - 9311 W. Harrison St., Des Plaines, IL 60016 - (847) 294-4000
ELGIN - 598 South State, Elgin, IL 60120 - (847) 608-3131 • PEORIA - 1419 N. University St., Peoria, IL 61614 - (309) 693-5463
BLAZEAU OF LEAS - PEORIA - 7620 N. University St., Peoria, IL 61614 - (309) 693-5462 • CHAMPAIGN - 2125 South First Street, Champaign, IL 61820 - (217) 370-3300
SPRINGFIELD - 4100 S. Sixth Street Rd., Springfield, IL 62706 - (217) 785-6852 • COLLINGSVILLE - 2009 Mall Street, Collingsville, IL 62234 - (618) 346-3120
MARION - 2309 W. Main St., Suite 116, Marion, IL 62859 - (618) 993-7200

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EXELON GENERATION - BRAIDWOOD STATION
VN W-2005-00537

Written communications should be directed to BEVERLY BOOKER at the ILLINOIS EPA, BUREAU OF WATER, CAS #19, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276. All communications must include reference to this Violation Notice number, W-2005-00537.

Questions regarding this Violation Notice should be directed to Gary Forsee at 217/785-0561.

Sincerely,

Michael S. Garretson /rc

Michael S. Garretson, Manager
Compliance Assurance Section
Bureau of Water

Attachment

cc: Melburg, Peg

bcc: Gary Forsee/02 File
Beverly Booker
Dave McMillan, PWS
Elgin Region, PWS
Connie Tonsor, DLC
Chuck Gunnarson, DLC
Terri LeMasters, PWS
Marcia Willhite

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ATTACHMENT A

EXELON GENERATION - BRAIDWOOD STATION, VIOLATION NOTICE NO. W-2005-00537:

Questions regarding the violations identified in this attachment should be referred to Gary Forsee at (217) 785-0561.

A review of information available to the Illinois EPA indicates the following violations of statutes, regulations, or permits. Included with each type of violation is an explanation of the activities that the Illinois EPA believes may resolve the violation including an estimated time period for resolution.

Groundwater Quality

No person shall cause, threaten, or allow the release of any contaminant to a resource groundwater such that treatment or additional treatment is necessary to continue an existing use or to assure a potential use of such groundwater, or such that the existing or potential use of such groundwater is precluded. Exelon Generation - Braidwood Station must cease and desist of any further violations of the Act.

<u>Violation Date</u>	<u>Violation Description</u>									
12/12/05	<p>Sampling results indicate violations of Section 12 of the Act, the General Prohibition Against Use Impairment of Resource Groundwater, and the causing of the groundwater quality standard of tritium (20,000 pCi/L) to be exceeded during the time period and at the location(s) designated below:</p> <table border="0"> <tr> <td>RW-2</td> <td>10.5 ft. depth</td> <td>58,621 pCi/L</td> </tr> <tr> <td>RW-2</td> <td>20.5 ft. depth</td> <td>170,024 pCi/L</td> </tr> <tr> <td>RW-2</td> <td>25 ft. depth</td> <td>223,888 pCi/L</td> </tr> </table>	RW-2	10.5 ft. depth	58,621 pCi/L	RW-2	20.5 ft. depth	170,024 pCi/L	RW-2	25 ft. depth	223,888 pCi/L
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RW-2	25 ft. depth	223,888 pCi/L								
Rule/Reg.	Section 12(a), and (d) of the Act, 415 ILCS 5/12, 35 Ill. Adm. Code 620.115, 35 Ill. Adm. Code 620.301(a)(1) and (2); and 35 Ill. Adm. Code 620.410(e)(3).									
12/07/05	<p>Sampling results indicate violations of Section 12 of the Act, the General Prohibition Against Use Impairment of Resource Groundwater during the time period and at the location(s) designated below:</p> <p>Private well located at horse barn North of pond 1,151 pCi/L</p>									
Rule/Reg.	Section 12(a), and (d) of the Act, 415 ILCS 5/12, 35 Ill. Adm. Code 620.115, and 35 Ill. Adm. Code 620.301(a)(1) and (2).									

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ATTACHMENT A

EXELON GENERATION - BRAIDWOOD STATION, VIOLATION NOTICE NO. W-2005-00537:

<u>Violation Date</u>	<u>Violation Description</u>												
12/06/05	<p>Sampling results indicate violations of Section 12 of the Act, the General Prohibition Against Use Impairment of Resource Groundwater, and the causing of the groundwater quality standard of tritium (20,000 pCi/L) to be exceeded during the time period and at the location(s) designated below:</p> <table border="0"> <tr> <td>VB-3-4</td> <td>58,489 pCi/L</td> </tr> <tr> <td>VB-3-3</td> <td>43,894 pCi/L</td> </tr> <tr> <td>VB-3-2</td> <td>32,830 pCi/L</td> </tr> <tr> <td>VB-3-6</td> <td>53,572 pCi/L</td> </tr> <tr> <td>P-4</td> <td>33,736 pCi/L</td> </tr> <tr> <td>RW-2</td> <td>33,736 pCi/L</td> </tr> </table>	VB-3-4	58,489 pCi/L	VB-3-3	43,894 pCi/L	VB-3-2	32,830 pCi/L	VB-3-6	53,572 pCi/L	P-4	33,736 pCi/L	RW-2	33,736 pCi/L
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12/01/05	<p>Sampling results indicate violations of Section 12 of the Act, the General Prohibition Against Use Impairment of Resource Groundwater during the time period and at the location(s) designated below:</p> <table border="0"> <tr> <td>Pond located just north of Smiley Rd. and west of the blow-down line.</td> <td>2,347 pCi/L</td> </tr> <tr> <td></td> <td>2,464 pCi/L</td> </tr> </table>	Pond located just north of Smiley Rd. and west of the blow-down line.	2,347 pCi/L		2,464 pCi/L								
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Rule/Reg.	Section 12(a), (d), and (f) of the Act, 415 ILCS 5/12.												

TOTAL P.05