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Exelon Generation

NP-08-0025
December 16, 2008

10 CFR 52.75

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Subject: Exelon Nuclear Texas Holdings, LLC
Victoria County Station, Units 1 and 2
Submittal of Additional Environmental Data in Support of Combined License Application
NRC Docket Nos. 52-031 and 52-032

References:
1. Exelon Nuclear Texas Holdings, LLC letter to USNRC, "Application for Combined Licenses for Victoria County Station, Units 1 and 2," dated September 2, 2008
2. Exelon Nuclear Texas Holdings, LLC letter to USNRC, "Submittal of Additional Geological Data and Environmental Monitoring Status Update in Support of Combined License Application," dated October 16, 2008
3. Exelon Nuclear Texas Holdings, LLC letter to USNRC, "Submittal of Additional Environmental Data in Support of Combined License Application," dated November 13, 2008

In Reference 1, Exelon Nuclear Texas Holdings, LLC (Exelon) submitted an application for a combined license (COL) for Victoria County Station (VCS), Units 1 and 2. That submittal consisted of eleven parts, as described in the referenced letter, and a separate part containing Safeguards Information provided under separate cover.

In addition to the contents of the application, Exelon is providing the enclosed supplemental information in support of the review of the VCS Units 1 and 2 COL application (COLA). As previously discussed in Reference 2 and Reference 3, the following information is enclosed:

Enclosure 1, "Surveys of Aquatic Biota, Exelon Victoria County Site, Trip Report – October 2008;" and

Enclosure 2, "Groundwater Level Measurements (FSAR Table 2.4.12-205 and ER Table 2.3.1-23)," which includes groundwater level monitoring data collected from October 2007 through November 2008.

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NRO

The content of this submittal has been previously discussed with the NRC. In accordance with those discussions and the referenced letters, additional groundwater level monitoring data and aquatic ecology survey data will be provided to the NRC in future submittals.

If any additional information is needed, please contact David J. Distel at (610) 765-5517 or Joshua Trembley at (610) 765-5345.

I declare under penalty of perjury that the foregoing is true and correct. Executed on the 16th day of December 2008.

Respectfully,

Kenneth A. Ainger
Director – New Plant Licensing

Enclosures: 1. Surveys of Aquatic Biota, Exelon Victoria County Site, Trip Report – October 2008
2. Groundwater Level Measurements (FSAR Table 2.4.12-205 and ER Table 2.3.1-23)

cc: USNRC, Project Manager, VCS, Division of New Reactor Licensing (w/enclosures – one copy)
USNRC Region IV, Regional Administrator (w/enclosures – one copy)

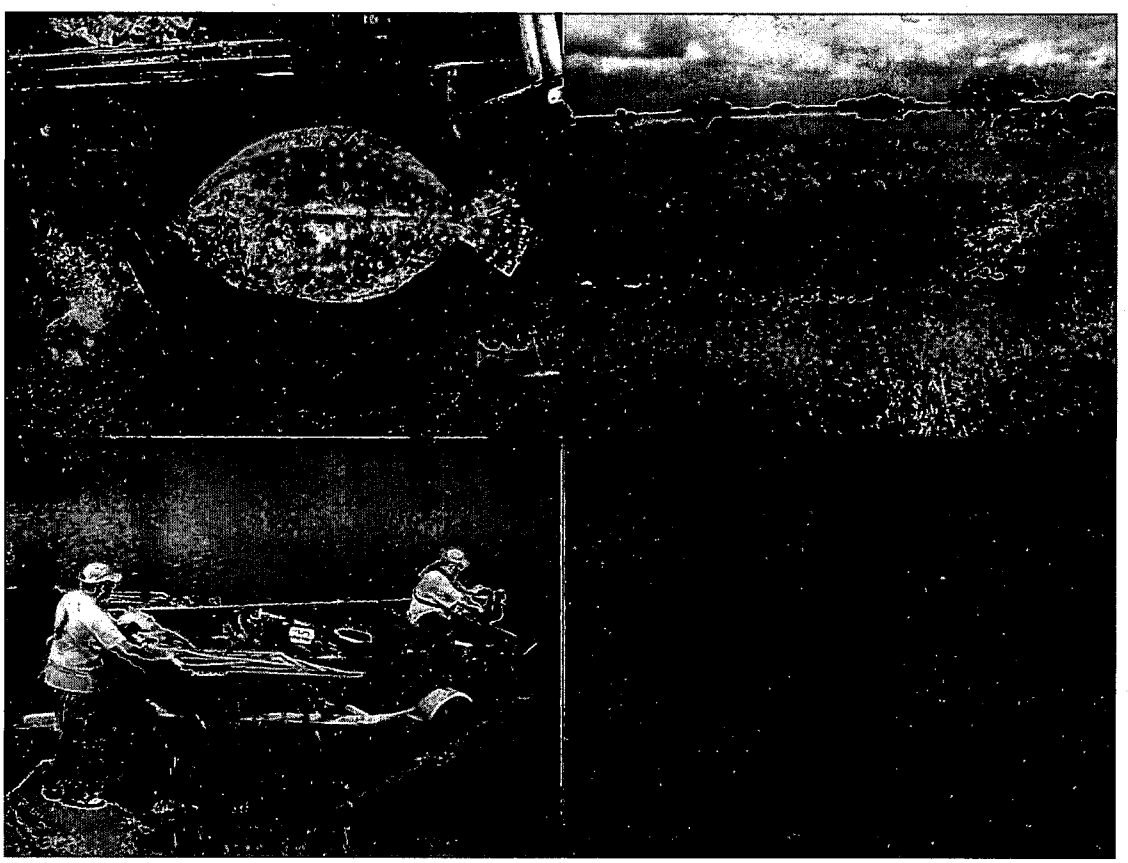
Enclosure 1

Surveys of Aquatic Biota
Exelon Victoria County Site

Trip Report – October 2008

Surveys of Aquatic Biota
Exelon Victoria County Site

Trip Report - October 2008



October 2008

The purpose of this trip report is to describe sampling conditions and provide a general update of progress on the Surveys of Aquatic Biota for the Exelon Victoria County Site. One on-site aquatic sampling effort and one off-site fish sampling/ichthyoplankton trip were conducted during October. On-site sampling was conducted during the week of October 13-17, 2008, and off-site sampling was conducted the following week (Oct. 20-24). Flows at the USGS gauge on the Guadalupe River at Victoria (USGS #08176500) during river sampling activities were the lowest observed over the study period and ranged from approximately 350-450 cubic feet per second (cfs).

On-site aquatic sampling was conducted by Jeremy Hull (Fisheries Biologist), Brad Littrell (Fisheries Biologist), Benjamin Chen (Coastal Ecologist), and Rick Manning (Senior Ecologist) beginning on October 13th. Of the twelve on-site aquatic sampling stations located on the Exelon Victoria County Site, only four (MC-01, MC-04, MC-07, and MC-11) had water during October sampling, and one of these (MC-04) was simply a puddle. Minnow traps and sunfish traps were set overnight at each location, and seining was conducted the following day at each site. A total of 508 individual fish representing 17 species were captured during October on-site aquatic sampling. No new species were captured during on-site sampling.

Off-site sampling began on October 20, and was conducted by Jeremy Hull (Fisheries Biologist), Brad Littrell (Fisheries Biologist), and Melissa Romigh (Ecologist). Electrofishing, water quality, and benthic sampling were conducted at sites GR-01, GR-02, and GR-03 on the first day. The following day (Tuesday, October 21), sites GR-04, GR-05, Goff Bayou, and the GBRA Main Canal were sampled. Night ichthyoplankton sampling was conducted later that night at the three specified sites (GR-05, Goff Bayou, and GBRA Canal). Afternoon ichthyoplankton sampling was conducted on Wednesday, October 22.

Electrofishing was conducted with a Smith-Root 5.0 GPP electrofisher mounted on a 15-foot aluminum john boat. At each electrofishing site, water quality measurements were taken at 1 meter below the surface, mid-depth, and bottom. Then, at least 900 seconds of shock time was conducted along a previously established transect. Fish were stored in a large livewell until sampling was complete, at which time they were identified, measured, weighed, and released (except for voucher specimens). Upon completion of fish sampling, benthic samples were collected from each of the five river sites (GR-01 through GR-05) using a Petite Ponar dredge. A three grab composite sample was taken from a representative transect near the middle of each site, placed in a labeled sample jar, and preserved with 95% ethanol.

Two new species were captured during off-site aquatic sampling in October. A hogchocker (*Trinectes maculatus*) was captured at GR-04, and a southern flounder (*Paralichthys lethostigma*) was captured at Goff Bayou. The occurrence of the southern flounder in Goff Bayou may be attributable to the saltwater intrusion that happened during September when high tides from Hurricane Ike overtopped the saltwater barrier on Goff Bayou. To date, fish sampling has resulted in capture of 49 species representing 22 families.

Ichthyoplankton sampling was conducted by towing paired nets at surface and at mid-depth using a custom designed towing apparatus mounted to a 15-foot aluminum john boat. Surface and mid-depth tows were conducted at each of the sites in the afternoon and at night. Samples were preserved in formalin and brought back to the BIO-WEST laboratory for sorting and identification. Based on observations made in the field, abundance of larval fishes seems to have decreased substantially compared to previous months. However, a fairly large number of bay anchovies and gulf menhaden were present in night samples from Goff Bayou, presumably as a result of the saltwater intrusion in September.

The thick mat of water hyacinth/water lettuce which prevents access to lower Goff Bayou was still present during the October sampling period. As a result, sampling was conducted upstream of this barrier as in previous months. Additionally, several small patches of water stargrass (*Heteranthera dubia*), a submerged macrophyte, were documented at the GBRA Canal for the first time during the study.

Enclosure 2

Groundwater Level Measurements
(FSAR Table 2.4.12-205 and ER Table 2.3.1-23)

FSAR Table 2.4.12-205
ER Table 2.3.1-23

EXELON VCS COL PROJECT
Victoria County, Texas
Groundwater Level Measurements

Well No.	Ref. Elev. (NAVD88)	Hydro-geologic Unit	October 25, 2007			November 17, 2007			December 18, 2007			January 30, 2008			February 18, 2008			March 31, 2008			April 26, 2008		
			Time	Depth to Water (ftbtc)	Elevation of Water (NAVD88)	Time	Depth to Water (ftbtc)	Elevation of Water (NAVD88)	Time	Depth to Water (ftbtc)	Elevation of Water (NAVD88)	Time	Depth to Water (ftbtc)	Elevation of Water (NAVD88)	Time	Depth to Water (ftbtc)	Elevation of Water (NAVD88)	Time	Depth to Water (ftbtc)	Elevation of Water (NAVD88)	Time	Depth to Water (ftbtc)	Elevation of Water (NAVD88)
OW-01L	73.74	Lower	12:28	42.39	31.35	9:37	42.39	31.35	16:33	42.51	31.23	9:16	42.77	30.97	10:20	42.94	30.80	10:51	42.99	30.75	14:12	42.41	31.33
OW-01U	73.65	Upper	12:33	41.46	32.19	9:34	41.45	32.20	16:30	41.56	32.09	9:14	41.97	31.68	10:19	42.19	31.46	10:50	42.18	31.47	14:11	41.91	31.74
OW-02L	76.53	Lower	12:16	51.36	25.17	9:26	51.21	25.32	16:20	51.12	25.41	9:30	51.21	25.32	10:48	51.31	25.22	10:29	51.32	25.21	12:54	50.81	25.72
OW-02U	76.74	Upper	12:19	51.49	25.25	9:29	51.35	25.39	16:22	51.19	25.55	9:28	51.25	25.49	10:46	51.35	25.39	10:28	51.29	25.45	12:56	51.46	25.28
OW-03L	76.67	Lower	12:02	55.63	21.04	9:15	55.73	20.94	16:13	55.88	20.79	9:39	56.17	20.50	10:55	56.31	20.36	10:20	56.47	20.20	12:46	56.69	19.98
OW-03U	77.05	Upper	12:06	55.96	21.09	9:18	55.04	22.01	16:16	DRY	NA	9:40	DRY	NA	10:53	DRY	NA	10:19	DRY	NA	12:48	DRY	NA
OW-04L	80.67	Lower	11:55	56.69	23.98	9:07	56.61	24.06	16:09	56.54	24.13	9:49	56.75	23.92	11:02	56.91	23.76	10:10	56.98	23.69	12:41	57.22	23.45
OW-04U	81.08	Upper	11:49	56.15	24.93	9:04	56.02	25.06	16:07	56.06	25.02	9:47	56.20	24.88	11:00	56.32	24.76	10:09	56.44	24.64	12:39	56.70	24.38
OW-05L	79.90	Deep	11:37	53.17	26.73	8:57	53.02	26.88	16:03	52.97	26.93	9:58	53.05	26.85	11:08	53.21	26.69	10:04	53.25	26.65	12:34	53.52	26.38
OW-05U	79.55	Upper	11:44	52.71	26.84	9:00	52.48	27.07	16:02	52.31	27.24	9:56	52.33	27.22	11:06	52.45	27.10	10:03	52.50	27.05	12:36	52.75	26.80
OW-06L	81.55	Lower	11:12	54.46	27.09	8:47	54.25	27.30	15:50	53.86	27.69	10:15	54.22	27.33	11:23	54.34	27.21	9:55	54.41	27.14	12:21	54.22	27.33
OW-06U	80.77	Upper	11:18	53.59	27.18	8:49	53.38	27.39	15:51	53.20	27.57	10:12	53.23	27.54	11:22	53.35	27.42	9:53	53.43	27.34	12:23	53.66	27.11
OW-07L	79.04	Deep	11:00	57.78	21.26	8:39	57.88	21.16	15:40	57.99	21.05	10:25	58.17	20.87	11:50	58.33	20.71	9:20	58.41	20.63	11:44	58.68	20.36
OW-07U	79.02	Upper	11:04	58.02	21.00	8:42	57.99	21.03	15:42	55.98	23.04	10:24	58.17	20.85	11:48	58.30	20.72	9:18	58.39	20.63	11:42	58.55	20.47
OW-08L	84.07	Deep	10:00	49.75	34.32	8:17	49.98	34.09	15:23	50.1	33.97	11:07	50.08	33.99	12:40	50.16	33.91	8:55	50.30	33.77	9:56	50.69	33.38
OW-08U	83.88	Lower	10:03	46.26	37.62	8:21	46.24	37.64	15:26	46.36	37.52	11:05	46.49	37.39	12:38	46.64	37.24	8:53	46.79	37.09	9:54	46.98	36.90
OW-09L	80.00	Deep	11:26	52.19	27.81	8:53	51.91	28.09	15:56	51.82	28.18	10:06	51.97	28.03	11:14	52.13	27.87	9:59	52.10	27.90	12:29	46.74	33.26
OW-09U	79.24	Upper	11:32	51.77	27.47	8:51	51.37	27.87	15:55	50.83	28.41	10:04	51.31	27.93	11:13	51.46	27.78	9:58	51.32	27.92	12:28	51.71	27.53
OW-10L	79.88	Lower	10:45	54.52	25.36	8:31	54.76	25.12	15:35	54.81	25.07	10:35	54.80	25.08	12:16	54.98	24.90	9:13	55.15	24.73	11:33	53.61	26.27
OW-10U	79.53	Upper	10:50	57.24	22.29	8:34	57.04	22.49	15:37	56.92	22.61	10:33	57.00	22.53	12:14	57.04	22.49	9:11	56.83	22.70	11:35	56.91	22.62
OW-2150L	82.45	Deep	-	-	-	-	-	-	-	-	-	13:46	48.01	34.44	13:27	47.90	34.55	8:15	47.87	34.58	10:40	48.11	34.34
OW-2150U	82.78	Upper	-	-	-	-	-	-	-	-	-	13:43	36.49	46.29	13:26	36.70	46.08	8:13	36.51	46.27	10:38	36.73	46.05
OW-2169L	81.72	Lower	-	-	-	-	-	-	-	-	-	13:52	44.58	37.14	14:42	44.76	36.96	8:24	44.91	36.81	10:44	45.15	36.57
OW-2169U	81.77	Upper	-	-	-	-	-	-	-	-	-	13:54	38.29	43.48	14:40	38.59	43.18	8:20	38.40	43.37	10:46	38.71	43.06
OW-2181L	81.32	Lower	-	-	-	-	-	-	-	-	-	14:00	44.87	36.45	14:04	44.74	36.58	8:29	44.78	36.54	10:51	44.86	36.46
OW-2181U	81.31	Upper	-	-	-	-	-	-	-	-	-	13:58	38.07	43.24	13:51	38.46	42.85	8:27	38.27	43.04	10:50	38.60	42.71
OW-2185L	81.36	Lower	-	-	-	-	-	-	-	-	-	14:17	45.54	35.82	14:16	45.72	35.64	8:37	45.88	35.48	11:02	46.13	35.23
OW-2185U	81.45	Upper	-	-	-	-	-	-	-	-	-	14:15	41.64	39.81	14:15	41.76	39.69	8:35	41.77	39.68	10:59	41.96	39.49
OW-2253L	82.66	Deep	-	-	-	-	-	-	-	-	-	13:11	34.35	48.31	14:49	34.82	47.84	7:43	49.52	33.14	10:29	49.82	32.84
OW-2253U	82.82	Upper	-	-	-	-	-	-	-	-	-	13:09	49.23	33.59	14:48	49.39	33.43	7:41	34.48	48.34	10:27	34.65	48.17
OW-2269L	82.55	Deep	-	-	-	-	-	-	-	-	-	13:21	48.87	33.68	15:03	48.99	33.56	7:50	49.12	33.43	10:16	49.42	33.13
OW-2269U	82.43	Lower	-	-	-	-	-	-	-	-	-	13:18	46.70	35.73	15:00	46.88	35.55	7:53	47.02	35.41	10:12	47.25	35.18
OW-2284L	82.74	Lower	-	-	-	-	-	-	-	-	-	13:28	47.40	35.34	15:09	47.58	35.16	8:03	47.73	35.01	10:06	47.96	34.78
OW-2284U	82.62	Upper	-	-	-	-	-	-	-	-	-	13:25	38.13	44.49	15:07	38.32	44.30	8:01	38.18	44.44	10:08	38.21	44.41
OW-2301L	83.19	Deep	-	-	-	-	-	-	-	-	-	-	-	-	7:39	44.84	38.35	7:16	44.97	38.22	9:19	45.23	37.96
OW-2301U	83.27	Upper	-	-	-	-	-	-	-	-	-	-	-	-	7:37	33.03	50.24	7:14	32.75	50.52	9:15	33.07	50.20
OW-2302L	81.95	Deep	-	-	-	-	-	-	-	-	-	-	-	-	7:54	44.94	37.01	7:27	45.02	36.93	9:37	45.27	36.68
OW-2302U	81.99	Lower	-	-	-	-	-	-	-	-	-	-	-	-	7:53	43.10	38.89	7:26	43.22	38.77	9:39	43.49	38.50
OW-2304L	69.73	Lower	-	-	-	-	-	-	-	-	-	-	-	-	8:33	42.26	27.47	11:01	42.31	27.42	16:04	42.41	27.32
OW-2304U	70.10	Upper	-	-	-	-	-	-	-	-	-	-	-	-	8:31	33.96	36.14	11:10	34.17	35.93	16:05	34.37	35.73
OW-2307L	78.56	Lower	-	-	-	-	-	-	-	-	-	10:47	51.54	27.02	12:31	51.75	26.81	9:05	51.92	26.64	11:26	52.35	26.21
OW-2307U	78.59	Upper	-	-	-	-	-	-	-	-	-	10:44	45.77	32.82	12:29	45.91	32.68	9:03	46.09	32.50	11:23	46.32	32.27
OW-2319L	76.05	Deep	-	-	-	-	-	-	-	-	-	9:00	42.37	33.68	8:13	41.54	34.51	11:01	42.31	33.74	14:22	37.44	38.61
OW-2319U	75.97	Lower	-	-	-	-	-	-	-	-	-	9:01	40.62	35.35	8:11	40.74	35.23	11:00	40.84	35.13	14:25	41.02	34.95
OW-2320L	73.19	Deep	-	-	-	-	-	-	-	-	-	8:10	43.02	30.17	10:28	43.14	30.05	10:35	43.24	29.95	13:54	43.51	29.68
OW-2320U	73.50	Lower	-	-	-	-	-	-	-	-	-	8:09	44.59	28.91	10:27	44.69	28.81	10:34	44.70	28.80	13:52	44.86	28.64
OW-2320U1	72.90	Upper	-	-	-	-	-	-	-	-	-	8:03	43.52	29.38	10:33	43.65	29.25	10:45	43.62	29.28	13:57	43.79	29.11
OW-2320U2	72.92	Upper	-	-	-	-	-	-	-	-	-	8:04	43.53	29.39	10:35	43.69	29.23	10:44	43.65	29.27	14:00	43.80	29.12
OW-2320U3	72.84	Upper	-	-	-	-	-	-	-	-	-	8:00	43.58	29.26	10:37	43.72	29.12	10:42	43.69	29.15	14:02	42.89	29.95
OW-2320U4	72.91	Upper	-	-	-	-	-	-	-	-	-	8:01	43.79	29.12	10:39	43.91	29.00	10:41	43.89	29.02	14:05	40.87	32.04
OW-2321L	73.54	Deep	-	-	-	-	-	-	-	-	-	-	-	-	9:58	51.68	21.86	12:17	51.79	21.75	13:31	52.02	21.52
OW-2321U	73.27	Lower	-	-	-	-	-	-	-	-	-	-	-	-	9:56	51.70	21.57	12:16	51.70	21.57	13:29	51.86	21.41
OW-2324L	26.27	Deep	-	-	-	-	-	-	-	-	-	-	-	-	12:03	11.79	14.48	9:29	11.99	14.28	11:52	12.13	14.14
OW-2324U	26.17	Lower	-	-	-	-	-	-	-	-	-	-	-	-	12:02	11.28	14.89	9:28	11.38	14.79	11:53	11.54	14.63
OW-2348L	52.70	Deep	-	-	-	-	-	-	-	-	-	-	-	-	9:31	39.53	13.17	11:55	39.73	12.97	15:04	39.31	13.39
OW-2348U	52.12	Lower	-	-	-	-	-	-	-	-	-	-	-	-	9:29	39.06	13.06	11:54	39.17	12.95	14:55	39.12	13.00
OW-2352L	64.60	Lower	-	-	-	-	-	-	-	-	-	-	-	-	9:03	45.17	19.43	11:39	45.09	19.51	15:30	45.19	19.41
OW-2352U	64.47	Upper	-	-	-	-	-	-	-	-	-	-	-	-	9:02	45.09	19.38	11:38	45.00	19.47	15:32	45.08	19.39
OW-2359L1	79.36	Deep	-	-	-	-	-	-	-	-	-	-	-	-	11:42	54.54	24.82	9:44	54.72	24.64	12:11	53.72	25.64
OW-2359L2	78.93	Deep	-	-	-	-	-	-	-	-	-	-	-	-	11:38	54.12	24.81	9:46	54.30	24.63	12:07	52.40	26.53
OW-2359L3	78.83	Deep	-	-	-	-	-	-	-	-	-	-	-	-	11:36	53.89	24.94	9:47	54.05	24.78	12:05	52.12	26.71
OW-2359U1	79.29	Upper	-	-	-	-	-	-	-	-	-	-	-	-	11:40	55.01	24.28	9:45	55.09	24.20	12:09	55.29	24.00

Notes:

Shaded areas indicate a typographical error corrected subsequent to submittal of FSAR Subsection 2.4.12 and ER Subsection 2.3.1 of the Exelon VCS COLA, Revision 0.

Shaded areas indicate an anomaly or suspect measurement reading.

Wells OW-2253U/L were field mislabeled. Sounding of the total depth of the wells on 3/31/08 indicated that the well numbers were reversed.

Abbreviations:

Deep = Deep aquifer
ftbtc = feet below top of casing
Lower = Lower Shallow aquifer
NAVD88 = North American Vertical Datum of 1988
Upper = Upper Shallow aquifer

FSAR Table 2.4.12-205
ER Table 2.3.1-23

EXELON VCS COL PROJECT
Victoria County, Texas
Groundwater Level Measurements

Well No.	Ref. Elev. (NAVD88)	Hydro-geologic Unit	May 23, 2008			June 17, 2008			July 15, 2008			August 11, 2008			September 24 - 25, 2008			October 22, 2008			November 12, 2008		
			Time	Depth to Water (ftbtc)	Elevation of Water (NAVD88)	Time	Depth to Water (ftbtc)	Elevation of Water (NAVD88)	Time	Depth to Water (ftbtc)	Elevation of Water (NAVD88)	Time	Depth to Water (ftbtc)	Elevation of Water (NAVD88)	Time	Depth to Water (ftbtc)	Elevation of Water (NAVD88)	Time	Depth to Water (ftbtc)	Elevation of Water (NAVD88)	Time	Depth to Water (ftbtc)	Elevation of Water (NAVD88)
OW-01L	73.74	Lower	12:31	43.32	30.42	11:24	43.57	30.17	11:14	43.67	30.07	14:25	43.85	29.89	11:15	44.14	29.60	13:08	44.26	29.48	15:18	44.34	29.40
OW-01U	73.65	Upper	12:28	42.52	31.13	11:20	42.72	30.93	11:11	42.86	30.79	14:23	42.99	30.66	11:18	43.33	30.32	13:07	43.40	30.25	15:20	43.54	30.11
OW-02L	76.53	Lower	11:37	51.66	24.87	10:26	51.87	24.66	10:11	52.00	24.53	13:30	52.16	24.37	11:05	52.49	24.04	12:22	52.64	23.89	14:41	52.78	23.75
OW-02U	76.74	Upper	11:30	51.58	25.16	10:24	51.80	24.94	10:13	51.94	24.80	13:32	52.05	24.69	11:07	52.40	24.34	12:21	52.48	24.26	14:39	52.62	24.12
OW-03L	76.67	Lower	11:19	56.69	19.98	10:17	57.11	19.56	10:05	57.42	19.25	13:21	57.76	18.91	10:57	58.26	18.41	12:15	58.52	18.15	14:33	58.75	17.92
OW-03U	77.05	Upper	11:23	DRY	NA	10:19	DRY	NA	10:07	DRY	NA	13:24	DRY	NA	10:59	DRY	NA	12:17	DRY	NA	14:35	DRY	NA
OW-04L	80.67	Lower	11:10	57.22	23.45	10:06	57.57	23.10	9:55	57.78	22.89	13:12	58.01	22.66	10:50	58.43	22.24	12:08	58.63	22.04	14:24	58.81	21.86
OW-04U	81.08	Upper	11:12	56.70	24.38	10:08	57.03	24.05	9:58	57.22	23.86	13:15	57.47	23.61	10:53	57.83	23.25	12:10	58.02	23.06	14:22	58.20	22.88
OW-05L	79.90	Deep	11:04	53.52	26.38	10:06	53.93	25.97	9:43	54.11	25.79	13:07	54.31	25.59	10:42	54.64	25.26	12:05	54.79	25.11	14:17	54.93	24.97
OW-05U	79.55	Upper	11:02	52.75	26.80	10:03	53.06	26.49	9:45	53.21	26.34	13:04	53.36	26.19	10:39	53.71	25.84	12:04	53.83	25.72	14:19	53.98	25.57
OW-06L	81.55	Lower	10:48	54.82	26.73	9:55	55.02	26.53	9:25	55.19	26.36	12:52	55.38	26.17	10:27	55.71	25.84	11:52	55.85	25.70	14:08	55.98	25.57
OW-06U	80.77	Upper	10:45	53.66	27.11	9:53	54.02	26.75	9:23	54.20	26.57	12:54	54.36	26.41	10:29	54.71	26.06	11:54	54.84	25.93	14:06	54.97	25.80
OW-07L	79.04	Deep	10:17	58.88	20.16	9:17	59.14	19.90	8:59	59.41	19.63	12:07	59.75	19.29	9:40	59.97	19.07	11:31	60.21	18.83	13:31	60.29	18.75
OW-07U	79.02	Upper	10:14	58.66	20.36	9:13	58.81	20.21	8:57	59.00	20.02	12:04	59.21	19.81	9:37	59.58	19.44	11:33	59.78	19.24	13:33	59.91	19.11
OW-08L	84.07	Deep	9:00	51.02	33.05	8:46	51.39	32.68	8:08	51.56	32.51	10:07	52.03	32.04	9:02	52.16	31.91	11:08	52.33	31.74	8:32	52.34	31.73
OW-08U	83.88	Lower	8:55	47.25	36.63	8:43	47.60	36.28	8:10	47.79	36.09	10:05	48.17	35.71	9:05	48.38	35.50	11:09	48.54	35.34	8:35	48.62	35.26
OW-09L	80.00	Deep	10:55	52.58	27.42	9:59	52.75	27.25	9:30	52.91	27.09	13:00	53.11	26.89	10:35	53.41	26.59	11:58	53.51	26.49	14:12	53.68	26.32
OW-09U	79.24	Upper	10:52	51.77	27.47	9:57	51.93	27.31	9:33	52.07	27.17	12:58	52.02	27.22	10:33	52.53	26.71	11:56	52.59	26.65	14:14	52.76	26.48
OW-10L	79.88	Lower	9:36	56.00	23.88	9:05	56.54	23.34	8:48	56.84	23.04	11:54	57.34	22.54	9:28	57.35	22.53	11:27	57.56	22.32	13:25	57.52	22.36
OW-10U	79.53	Upper	9:32	56.90	22.63	9:07	56.95	22.58	8:50	57.01	22.52	11:58	57.09	22.44	9:25	57.29	22.24	11:26	57.29	22.24	13:27	57.36	22.17
OW-2150L	82.45	Deep	18:09	48.29	34.16	15:18	48.61	33.84	13:33	48.85	33.60	10:54	49.21	33.24	12:52	49.46	32.99	10:06	49.71	32.74	15:52	49.84	32.61
OW-2150U	82.78	Upper	18:07	36.93	45.85	15:16	37.17	45.61	13:30	37.43	45.35	10:52	37.66	45.12	12:54	38.00	44.78	10:04	38.12	44.66	15:50	38.38	44.40
OW-2169L	81.72	Lower	18:15	45.4	36.32	15:25	45.72	36.00	13:36	45.91	35.81	11:00	46.23	35.49	12:59	46.49	35.23	9:55	46.65	35.07	15:56	46.72	35.00
OW-2169U	81.77	Upper	18:17	38.82	42.95	15:29	39.19	42.58	13:38	39.38	42.39	11:01	39.62	42.15	13:01	39.99	41.78	9:57	40.08	41.69	15:59	40.15	41.62
OW-2181L	81.32	Lower	18:23	44.91	36.41	15:33	45.06	36.26	13:43	45.2	36.12	11:09	45.41	35.91	13:07	45.68	35.64	10:13	45.86	35.46	16:04	46.03	35.29
OW-2181U	81.31	Upper	18:21	38.67	42.64	15:30	39.05	42.26	13:41	39.23	42.08	11:07	39.48	41.83	13:05	39.85	41.46	10:12	39.91	41.40	16:07	39.98	41.33
OW-2185L	81.36	Lower	18:34	46.38	34.98	15:55	46.69	34.67	17:35	46.87	34.49	11:18	47.18	34.18	15:30	47.45	33.91	10:58	47.61	33.75	9:00	47.69	33.67
OW-2185U	81.45	Upper	18:30	42.19	39.26	15:57	42.54	38.91	17:37	42.73	38.72	11:16	43.01	38.44	15:34	43.32	38.13	10:57	43.47	37.98	9:02	43.53	37.92
OW-2253L	82.66	Deep	17:56	50.10	32.56	16:08	50.51	32.15	14:08	50.70	31.96	10:40	51.08	31.58	14:38	51.24	31.42	9:02	51.43	31.23	9:56	51.44	31.22
OW-2253U	82.82	Upper	17:58	35.68	47.14	16:10	36.14	46.68	14:10	36.59	46.23	10:43	37.01	45.81	14:41	37.61	45.21	9:03	37.95	44.87	9:58	38.24	44.58
OW-2269L	82.55	Deep	17:47	49.70	32.85	15:43	50.07	32.48	13:56	50.26	32.29	10:34	50.64	31.91	8:41	50.81	31.74	9:34	51.00	31.55	10:21	51.00	31.55
OW-2269U	82.43	Lower	17:50	47.55	34.88	15:40	47.84	34.59	13:54	48.03	34.40	10:33	48.37	34.06	8:46	48.62	33.81	9:38	48.78	33.65	10:23	48.86	33.57
OW-2284L	82.74	Lower	17:34	48.27	34.47	15:50	48.55	34.19	14:00	48.75	33.99	10:24	49.05	33.69	8:31	49.32	33.42	9:28	49.48	33.26	8:48	49.57	33.17
OW-2284U	82.62	Upper	17:38	38.62	44.00	15:52	38.94	43.68	14:02	39.26	43.36	10:29	39.55	43.07	8:27	39.98	42.64	9:25	40.22	42.40	8:46	40.44	42.18
OW-2301L	83.19	Deep	17:21	45.51	37.68	6:34	45.88	37.31	8:02	46.05	37.14	9:35	46.45	36.74	8:47	46.60	36.59	8:40	46.77	36.42	17:25	46.75	36.44
OW-2301U	83.27	Upper	17:18	33.27	50.00	8:31	33.60	49.67	7:59	33.74	49.53	9:39	33.89	49.38	8:52	34.08	49.19	8:37	34.11	49.16	17:28	34.24	49.03
OW-2302L	81.95	Deep	8:31	45.48	36.47	11:44	45.88	36.07	11:39	45.97	35.98	9:52	46.31	35.64	12:32	46.51	35.44	16:01	46.65	35.30	15:40	46.68	35.27
OW-2302U	81.99	Lower	8:37	43.70	38.29	11:46	44.12	37.87	11:42	44.23	37.76	9:54	44.57	37.42	12:34	44.79	37.20	16:03	44.96	37.03	15:42	45.02	36.97
OW-2304L	69.73	Lower	15:58	42.79	26.94	13:29	42.94	26.79	14:35	43.12	26.61	16:01	43.45	26.28	9:37	43.65	26.08	15:36	43.79	25.94	16:29	43.82	25.91
OW-2304U	70.10	Upper	16:00	34.57	35.53	13:31	34.84	35.26	14:37	35.16	34.94	15:59	35.5	34.60	9:41	36.00	34.10	15:34	36.30	33.80	16:32	36.52	33.58
OW-2307L	78.56	Lower	9:25	52.53	26.03	8:55	53.46	25.10	8:17	53.89	24.67	11:45	54.46	24.10	9:19	54.50	24.06	11:21	54.83	23.73	10:36	54.87	23.69
OW-2307U	78.59	Upper	9:20	46.45	32.14	8:57	46.59	32.00	8:15	46.73	31.86	11:43	46.92	31.67	9:15	47.21	31.38	11:20	47.37	31.22	10:38	47.52	31.07
OW-2319L	76.05	Deep	12:42	42.71	33.34	12:02	43.19	32.86	11:20	43.17	32.88	14:35	43.47	32.58	12:13	43.71	32.34	15:49	43.82	32.23	15:25	43.87	32.18
OW-2319U	75.97	Lower	12:49	41.23	34.74	12:04	41.63	34.34	11:23	41.67	34.30	14:37	41.94	34.03	12:15	42.20	33.77	15:50	42.33	33.64	15:27	42.40	33.57
OW-2320L	73.19	Deep	16:20	43.68	29.51	10:41	44.07	29.12	10:44	44.14	29.05	14:04	44.42	28.77	11:34	44.67	28.52	12:45	44.81	28.38	15:01	44.84	28.35
OW-2320U	73.50	Lower	16:17	45.02	28.48	10:44	45.24	28.26	10:40	45.38	28.12	14:01	45.54	27.96	11:36	45.84	27.66	12:47	45.96	27.54	15:03	46.07	27.43
OW-2320U1	72.90	Upper	12:08	43.90	29.00	10:35	44.09	28.81	10:53	44.23	28.67	14:11	44.36	28.54	11:27	44.66	28.24	12:56	44.78	28.12	15:08	44.89	28.01
OW-2320U2	72.92	Upper	12:11	43.93	28.99	10:33	44.10	28.82	10:50	44.24	28.68	14:13	44.38	28.54	11:29	44.67	28.25	12:54	44.77	28.15	15:06	44.91	28.01
OW-2320U3	72.84	Upper	12:14	43.97	28.87	10:37	44.15	28.69	10:56	44.29	28.55	14:16	44.42	28.42	11:23	44.72	28.12	12:59	44.83	28.01	15:13	44.96	27.88
OW-2320U4	72.91	Upper	12:21	44.14	28.77	10:39	44.35	28.56	10:58	44.49	28.42	14:17	44.62	28.29	11:25	44.92	27.99	12:58	45.04	27.87	15:11	45.14	27.77
OW-2321L	73.54	Deep	11:57	52.28	21.26	11:06	52.68	20.86	10:21	52.91	20.63	13:47	53.28	20.26	11:57	53.55	19.99	12:34	53.76	19.78	14:52	53.84	19.70
OW-2321U	73.27	Lower	11:55	52.01	21.26	11:04	52.17	21.10	10:25	52.31	20.96	13:50	52.48	20.79	11:59	52.82	20.45	12:35	52.99	20.28	14:50	53.14	20.13
OW-2324L	26.27	Deep	10:03	13.08	13.19	9:28	13.84	12.43	8:27	14.29	11.98	12:22	14.91	11.36	9:54	14.86	11.41	15:16	15.07	11.20	13:40	14.93	11.34
OW-2324U	26.17	Lower	9:58	12.44	13.73	9:25	13.26	12.91	8:30	13.69	12.48	12:24	14.38	11.79	9:57	14.19	11.98	15:15	14.45	11.72	13:42	14.14	12.03
OW-2348L	52.70	Deep	13:24	40.66	12.04	14:15	41.20	11.50	15:00	41.61	11.09	15:27	42.16	10.54	10:11	42.23	10.47	13:35	42.49	10.21	16:47	42.45	10.25
OW-2348U	52.12	Lower	13:32	40.02	12.10	14:18	40.63	11.49	15:03	41.15	10.97	15:28	41.75	10.37	10:14	41.81	10.31	13:37	42.11	10.01	16:50	42.00	10.12
OW-2352L	64.60	Lower	13:56	45.21	19.39	13:55	45.36	19.24	15:23	45.47	19.13	15:04	45.56	19.04	12:25	45.74	18.86	13:58	45.79	18.81	17:05	45.89	18.71
OW-2352U	64.47	Upper	13:54	45.13	19.34	13:57	45.27	19.20	15:21	45.38	19.09	15:02	45.47	19.00	12:22	45.66	18.81	13:59	45.70	18.77	17:02	45.81	18.66
OW-2359L1	79.36	Deep	16:49	55.52	23.84	9:50	56.02	23.34	9:10	56.33	23.03	12:38	56.82	22.54	10:06	56.85	22.51	11:42	57.08	22.28	13:56	57.04	22.32
OW-2359L2	78.93	Deep	16:59	55.12	23.81	9:41	55.61	23.32	9:08	55.91	23.02	12:42	56.41	22.52	10:21	56.44	22.49	11:45	56.66	22.27	14:02	56.62	22.31
OW-2359L3	78.83	Deep	16:56	54.84	23.99	9:44	55.37	23.46	9:06	55.67	23.16	12:44	56.18	22.65	10:19	56.20	22.63	11:44	56.42	22.41	14:00	56.38	22.45
OW-2359U1	79.29	Upper	16:47	55.45	23.84	9:47	55.67	23.62	9:13	55.87	23.42	12:40	56.07	23.22	10:15	56.42	22.87	11:40	56.60	22.69	13:58	56.43	22.86

Notes:

Shaded areas indicate a typographical error corrected subsequent to submittal of FSAR Subsection 2.4.12 and ER Subsection 2.3.1 of the Exelon VCS COLA, Revision 0.

Shaded areas indicate an anomaly or suspect measurement reading.

Wells OW-2253U/L were field mislabeled. Sounding of the total depth of the wells on 3/31/08 indicated that the well numbers were reversed.

Abbreviations:

Deep = Deep aquifer
ftbtc = feet below top of casing
Lower = Lower Shallow aquifer
NAVD88 = North American Vertical Datum of 1988
Upper = Upper Shallow aquifer