

Quarterly Remedial Action Progress Report

Fourth Quarter 2005

PSEG Nuclear, LLC, Salem
Generating Station

February 28, 2006



PSEG

Services Corporation

CERTIFIED MAIL

February 28, 2006
PTS06004

Kent Tosch
Manager
Radiation Protection Programs
Bureau of Nuclear Engineering
New Jersey Department of Environmental Protection
33 Arctic Parkway
Trenton, New Jersey 08625

Dear Mr. Tosch:

**QUARTERLY REMEDIAL ACTION PROGRESS REPORT, FOURTH QUARTER 2005
PSEG NUCLEAR, LLC, SALEM GENERATING STATION**

PSEG Services Corporation (PSEG) has prepared this Quarterly Remedial Action Progress Report (RAPR) for the dual purposes of providing a summary of groundwater remediation activities conducted since the submission of the previous RAPR in November 2005 and to recap the activities conducted in the year 2005 at the PSEG Nuclear, LLC, Salem Generating Station (Station). The Station is located on Artificial Island in Hancock's Bridge, Salem County, New Jersey. The Station location and layout are presented on **Figures 1 and 2**, respectively. Groundwater remediation activities are being conducted to address tritium detected in shallow groundwater adjacent to and south of Salem Unit 1.

The release of tritium to the environment ceased in February 2003 when the Salem Unit 1 telltale drains were cleared and the Spent Fuel Pool (SFP) water that had accumulated behind the liner was drained. No short lived gamma radioisotopes have been detected in the gap since May 2004 when monitoring of the water in the seismic gap started, supporting this conclusion. Other supporting data includes: decreasing tritium concentrations in groundwater just outside the seismic gap; and, decreasing tritium concentrations inside the seismic gap. A new estimate that factors in remediation progress data indicates that approximately 2 to 4 Curies remain in the plume where tritium exists above the NJDEP Ground Water Quality Criteria (GWQC).

IE25

Project Background

In April 2004, a Remedial Investigation Report (RIR) was submitted to the New Jersey Department of Environmental Protection Bureau of Nuclear Engineering (NJDEP-BNE) presenting the details and results of groundwater investigation activities that were conducted following the discovery of tritium in groundwater adjacent to Salem Unit 1. The results of the remedial investigation indicated that the source of tritium detected in groundwater was the Spent Fuel Pool, the tritium release to the environment has been stopped, and that tritium has not migrated to the property boundary above the GWQC for tritium.

The remedial investigation produced a comprehensive body of knowledge that was used as the basis for developing a remedial action strategy designed to hydraulically contain the further migration of tritium in groundwater that had previously been released from the seismic gap, and to reduce the concentration of tritium in the shallow groundwater adjacent to Salem Unit 1. In July 2004, a Remedial Action Work Plan (RAWP) was prepared and submitted to the NJDEP-BNE presenting the proposed remedial action for achieving these objectives. The RAWP, which proposed the operation of a groundwater extraction system, was approved by the NJDEP in November 2004. In April 2004, prior to the submittal of the RAWP, PSEG initiated a groundwater extraction pilot study designed to demonstrate the effectiveness of groundwater extraction for achieving the remedial objectives. The pilot study proved to be effective and a full-scale groundwater extraction system was subsequently installed.

The following sections present the details and results of activities conducted since the submittal of the November 2005 RAPR, document the progress of remedial actions conducted to date, and provide a discussion of upcoming activities projected for the next reporting period.

Continued Groundwater Monitoring

The data indicate that significant decreases in groundwater and seismic gap tritium concentrations have been accomplished to date. Groundwater monitoring activities continued through this reporting period in accordance with the schedule provided to NJDEP-BNE. These activities consisted of the periodic collection of groundwater samples from the 36 Station monitoring wells. A summary of the Station monitoring wells details are included in **Table 1** and well locations are presented on **Figure 2**. The monitoring well sampling schedule was revised in May 2005 and the general program presented at that time is presently being maintained. Sampling frequencies in some wells have been temporarily increased for adaptive management reasons (e.g., wells AP, W and Z); also Wells S (pump failures caused by very low well yield) sampling was stopped; and, wells AO and AI are no longer secured (diesel fuel oil interference not presently a concern). The basis for the sampling plan was outlined in the August 15, 2005 RAPR and the planned schedule through April 2006 is included as **Appendix 1**. The sampling program is designed to ensure representative data are collected that meet the objectives of the investigation and provide the information necessary to

evaluate plume migration and capture. Analytical Sample results are presented in **Table 2**.

A subset of the sampling pumps were replaced in late December with higher capacity pumps, since low flow rate sampling for aging analysis of the tritium is no longer needed. Details regarding the new pump placement are included in **Table 3**.

Groundwater samples are submitted to Salem Chemistry for analysis for tritium and gamma isotopes. Samples indicating tritium concentrations less than 20,000 picocuries per liter (pCi/L) are sent to Maplewood Testing Services for more refined analysis. Historically, groundwater samples were analyzed for tritium, major cations and anions (e.g., sodium and boron), and gamma-emitting isotopes. Sodium and boron monitoring had ceased based upon having established a comprehensive body of data indicating that concentrations of these analytes were stable. Additionally the large volume of analytical data collected to date indicates that plant related gamma-emitting isotopes have not been detected in groundwater samples collected during the groundwater investigation, and thus have not migrated any significant distance beyond the seismic gap.

An update of analytical results for groundwater samples from the Station monitoring wells through December 2005 are summarized in **Table 2** and are presented on panel 3 of **Figure 3**. Historic analytical results were presented in the RIR and previous RAPRs. Included on **Figure 3** are: panel 1) the extent of tritium in groundwater at the completion of the remedial investigation (Baseline Plume), which was completed in April 2004; panel 2) the extent of tritium in groundwater in December 2004 following eight months of the pilot groundwater remediation activities; and, panel 3) the current extent of tritium in groundwater. Based on a review of the three maps, it is apparent that the mass of tritium in groundwater has been significantly reduced by the remedial efforts completed to date. Details regarding these activities are included in this report.

Specific details regarding the analytical results for the groundwater samples are presented in the following sections. The analytical results for the monitoring wells were evaluated based on the water-bearing zone in which the monitoring wells are screened. The three primary water-bearing units being investigated beneath the Station are: 1) the Vincentown Formation; 2) the shallow, water-bearing unit within the limits of the cofferdam; and, 3) the shallow, water-bearing unit outside of the limits of the cofferdam.

Tritium Analytical Results for the Vincentown Formation

Groundwater quality for wells screened in the Vincentown Formation, which consist of Well K, Well L, Well P, and Well Q are currently monitored on a semi-annual basis. Groundwater samples collected from these wells are analyzed for tritium and gamma-emitting isotopes. Analytical results of groundwater samples collected from Wells P and Q indicate concentrations of tritium below the laboratory detection limits. Tritium has only been detected at a concentration above laboratory detection limits once (July 2004) in groundwater from Well L; however, the tritium concentration was well below the

GWQC. Analytical results of groundwater samples collected from Well K have never indicated tritium concentrations greater than 1,170 pCi/L, and are in the lower portion of its range.

Well V, is located north of the containment structure and is screened in the Vincentown formation continues to exhibit concentration between 190 and 420 pCi/L. the maximum concentration observed in samples collected form Well V was 402 pCi/L, in September of 2004. Presently concentrations in Well V are below 200 pCi/L.

Analytical results of groundwater samples collected from the monitoring wells screened in the Vincentown Formation indicate that the release of water from the Spent Fuel Pool has not migrated below the shallow water-bearing unit.

Tritium Analytical Results for Wells Installed Within the Limits of the Cofferdam

Wells screened in the shallow, water-bearing unit within the limits of the cofferdam consist of Well M, Well N, Well O, Well R, Well AC, Well AE, Well AI, Well AM, Well AN, and Well AO. As expected, based upon their location relative to the Salem Unit 1 seismic gap, analytical results of groundwater samples collected from these wells (have historically and do presently) indicate the highest tritium concentrations in groundwater at the Station. Well AC is located directly southeast of the Salem Unit 1 seismic gap and has indicated tritium concentrations as high as 15,000,000 pCi/L. Analytical results of more recent groundwater samples collected from this well indicate tritium concentrations of approximately 44,100 pCi/L. The decrease in tritium concentrations at Well AC is additional confirmation that the release of water from the Spent Fuel Pool has been stopped and the operation of the seismic gap drain and the groundwater extraction system (discussed later in the report) are effectively reducing concentrations of tritium in groundwater.

Trend charts of historic tritium concentration for select wells are presented on **Figure 4**. Analytical trends for wells screened within this unit exhibiting tritium concentrations above NJDEP GWQC continue to show generally decreasing trends. This provides an indication that extraction through the operation of the Salem Unit 1 seismic gap drain, and operation of the Groundwater Removal System (GRS) are successful in decreasing tritium concentrations within this unit. As expected, some wells completed within the cofferdam have shown increasing and indefinite trends as a result of the changes to the groundwater flow field caused by the start-up of the full-scale system, as well as the periodic shutdowns and restarts required to maintain the system. It is expected that these trends will stabilize and become decreasing as seen in many of the pumping wells.

Tritium Analytical Results for Wells Installed Beyond the Limits of the Cofferdam

The wells installed in the shallow, water-bearing unit beyond the limits of the cofferdam are Well S, Well T, Well U, Well W, Well Y, Well Z, Well AA, Well AB, Well AD, Well AF, Well AG (Shallow and Deep), Well AH (Shallow and Deep), Well AJ, Well AL, Well AP, Well AQ, Well AR, Well AS, and Well AT. These wells are screened either just above the clay confining unit that separates the shallow water-bearing unit from the Vincentown Formation, or in the interval indicating the highest tritium concentrations found in the shallow water-bearing unit at each boring location outside the cofferdam at the time of the Supplemental Investigation completed in August 2003. Note that two anomalous detections occurred in Well T, one in July 2004 and a second in February 2005 both detections were just above the detection limit and within the historical spread of detection limits for Well T. It is believed that these detections were the result of laboratory cross-contamination. Additionally an increased concentration of tritium was detected in Well AP in March, and confirmed by subsequent samples. PSEG responded by reactivating the mobile groundwater extraction unit to spot remediate the area. This approach has proved effective in decreasing concentrations at Well AP. In November and December, concentrations of tritium were detected in Well W above the NJ GWQC, these detections are thought to be part of the same effect previously observed at Well AP. Well AO has been reactivated to address concentrations in Wells AP and W. Should AO not be successful in reducing concentrations in Wells W and AP then the mobile unit will be remobilized. PSEG is preparing to address these concentrations by the same means. It is believed that the increased concentrations are a result of the differential pumping rates between the wells near the edge of the cofferdam (Wells S and AD) and the wells closer to the river (Wells AS and AT). The result has been a more southerly groundwater flow direction. Additionally Well Z has been monitored at an increased frequency during the evaluation of this data. **Appendix A** presents the planned monitoring schedule through April 2006.

The tritium concentration trends for wells screened in the shallow, water-bearing unit indicate that the groundwater extraction system has demonstrated the ability to achieve the remedial action objectives (i.e., reduce the mass of tritium in groundwater and control migration). The current distribution of tritium in groundwater (December 2005) is presented on **Figure 3**, along with the distribution of tritium prior to the initiation of the pilot study (March 2004) and in December 2004 during the eighth month of the pilot study. As shown on **Figure 3**, the mass of tritium in groundwater has continued to decrease through the operation of the groundwater extraction pilot study system and operation of the full-scale system.

Groundwater Extraction

In accordance with the RAWP, groundwater extraction activities completed to date consisted of the operation of the pilot-study from April 26, 2004 to February 11, 2005 and operation of the full scale GRS system from February 16, 2005 to present.

Full-Scale System

Based on the results of the pilot study, a full-scale system was designed and installed. The objectives of the full-scale system are the following: 1) to maintain hydraulic containment of the tritium plume; and, 2) to reduce tritium concentrations in groundwater.

The present full-scale system consists of the extraction of groundwater from Wells AB, AD, AJ, AN, AO, AS and AT. Well AO was reactivated in October 2005 to help address the issues at well AP. Well S is presently secured (as of October) as a result of its low yield causing frequent pump failures. Groundwater extracted from the wells is processed in accordance with the Station's United States Nuclear Regulatory Commission (USNRC) license and plant procedures.

The full scale GRS system is periodically shut down to service the system equipment/components. Two such shut downs occurred during this reporting period.

Mobile Groundwater Extraction Unit

In response to increased concentrations of tritium detected in well AP beginning in March 2005, the Mobile Groundwater Extraction unit was reactivated to recover groundwater from Well AP. The effectiveness of the use of the Mobile Groundwater Extraction Unit was evaluated through increased monitoring of groundwater at this well. The last tank collected from Well AP was discharged on August 19, 2005 after concentrations had dropped significantly in Well AP. This approach may be applied to Well W if Well AO is not successful in reducing concentrations below the NJDEP GWQC for tritium.

Following extraction, groundwater held in the mobile unit is re-circulated for approximately two hours and sampled for characterization. Following characterization the groundwater is disposed of in accordance with the Station's United States Nuclear Regulatory Commission (USNRC) license and plant procedures.

Reactivation of the mobile unit was effective in removing the groundwater with elevated concentrations of tritium from Well AP. As of June 21, 2005 the concentration had decreased from 106,000 pCi/L (June 6) to 46,400 pCi/L and, as of December 8, 2005 the concentration had further decreased to 28,200 pCi/L.

Total System Effluent Data and Evaluation

The full scale GRS system became operational on February 16, 2005. The system operated in various configurations as part of the shakedown process for approximately the first month. The full scale GRS system discharges continuously in accordance with the Station's USNRC permit allowing the full-scale system to be more effective and efficient than the pilot-scale system. As of December 31, 2005, the full scale GRS system has recovered greater than 4.5 million gallons of groundwater. This is

equivalent to an average recovery rate of just over 12.2 gallons per minute or greater than 17 times the recharge rate for the extraction area (calculated to be 0.7 gallons per minute, based upon an assumed percentage of annual precipitation). **Table 4** presents a summary of the full-scale GRS system discharges through December 31, 2005.

Water-Level Data and Evaluation

Water-level measurements from the extraction and select observation wells have been monitored to demonstrate that the full-scale GRS system has hydraulically contained the migration of tritium in groundwater. To demonstrate this effectiveness, water levels are periodically collected and evaluated.

Figure 5 presents the groundwater surface contours on March 19, 2004 under static (non-pumping) conditions prior to the start of the pilot study. The groundwater flow under static conditions is in a generally southwesterly direction towards the Delaware River. **Figure 6** presents the groundwater surface contours on July 7, 2005 during operation of the full scale GRS system. **Figure 7** presents the water levels on December 28, 2005 with the full system running. From **Figures 6** and **7** it is apparent that the groundwater recovery system has effectively developed a capture zone that is controlling the plume by hydraulically containing the area where elevated tritium in groundwater exists.

Cumulative Curies Removed

The various groundwater recovery activities conducted to date have been successful in recovering tritium from groundwater at and down gradient of the Salem Unit 1 seismic gap.

Full-Scale GRS System

As summarized in **Table 4**, approximately 0.81 curies of tritium have been recovered from the operation of the groundwater extraction full-scale system through December 29, 2005. **Figure 8** summarizes the results of the groundwater remediation activities conducted using the well field with the pilot study and the permanent system. As of December 29, 2005 greater than 1.6 curies had been removed by the well field. The effectiveness is emphasized by the decrease and stabilization in system effluent concentrations since the activation of the full scale GRS system in February 2005. System effluent concentrations are presently around 26,000 pCi/L. The mass of tritium in the plume was recalculated to be approximately 2 to 4 Curies of tritium at concentrations above the NJDEP GWQC. This estimate differs from the initial estimate in that it is based solely upon monitoring well data, where the initial estimate was based upon a 3D array of hydropunch samples, and it does not incorporate concentrations below the NJDEP GWQC. This represents approximately 36 percent of the lower of the two initial estimates (assuming that dead end pore space was not a significant factor) of the tritium initially calculated to exist in the subsurface at the facility. This also suggests that the current continuous GRS system tritium removal will result in achieving end

criteria ahead of the previously communicated schedule, which was based on initially calculated tritium quantities in the subsurface and a GRS system relying on a batch release process (slower groundwater removal rates).

Other Remedial Actions

In addition to the operation of the groundwater extraction systems, seismic gap drains in Salem Unit 1 and Unit 2 are being used to drain the water from these gaps recovering concentrations of residual tritium from Unit 1 gap. Unit 2 seismic gap water is monitored to ensure that a similar event as occurred in Unit 1 does not occur. The following sections provide a brief overview of the seismic gap draining activities.

Operation of the Seismic Gap Drain

The permanent drains installed in the Salem Unit 1 and 2 seismic gaps facilitate the periodic collection and characterization of groundwater accumulating in the seismic gaps. The operation of these gap drains creates an inward gradient towards the gaps facilitating the recovery of water from low accessibility areas. To date, periodic operation of the seismic gap drain in Unit 1 has resulted in the recovery of approximately 26,000 gallons of tritiated water. As summarized in **Table 5**, the concentrations of tritium in the water recovered in the Unit 1 drain have been significantly higher than those detected in groundwater samples collected from Well AC and Well AM located to the southeast and southwest of the seismic gap, respectively. The Unit 1 seismic gap drain is effectively removing residual Spent Fuel Pool water in the seismic gap, and is resulting in the reduction of tritium concentrations in groundwater adjacent to the seismic gap. As shown on **Figure 9**, a total of approximately 4.0 curies of tritium has been recovered from the operation of the Unit 1 seismic gap drain. Concentrations have become more stable since the activation of the full scale groundwater extraction system and are presently in on the order of 27,000,000 pCi/L, down from a peak of greater than 100,000,000 pCi/L. The continuing decrease in tritium concentrations combined with no short lived plant gamma isotopes found in the samples indicate that the SFP water leak into the seismic gap has been stopped when the telltale drains were cleaned in February 2003.

Additionally it is believed that collection of the water from the seismic gap drains created an inward gradient that allowed the gap drain to recover tritium that had migrated out of the seismic gap.

Analytical results for water samples collected from the Unit 2 seismic gap drain do not contain constituents that would indicate a similar release occurred from the Unit 2 Spent Fuel Pool. Additionally no gamma emitting isotopes have been found in samples collected from the Unit 2 seismic gap drain.

As evidenced by the lack of short-lived gamma-emitting isotopes, samples collected from Unit 1 gap drain do not indicate an ongoing or recent release of spent fuel pool water, Unit 2 gap drain water contains no plant gamma activity. Water samples will be

obtained from both gap drains on a periodic basis to evaluate the water that has accumulated in the respective seismic gaps; and to provide a backup warning of a potential release of spent fuel pool water, the primary method still remaining the monitoring of the SFP tell-tale drains.

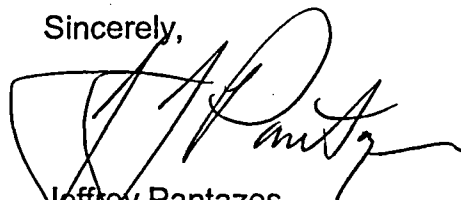
Upcoming Activities

Activities projected for the First Quarter of 2006 (January through March) include the following:

- Refine the procedures and protocols as necessary to adaptively manage the operation and sampling of the full scale GRS system;
- Periodically download data from permanent data-logging pressure transducers installed in 14 wells throughout the area to demonstrate that groundwater extraction is effectively maintaining hydraulic control;
- Continued sampling and analysis of monitoring wells groundwater;
- Continued operation and evaluation of data obtained through the full-scale GRS system and the draining of the seismic gaps

If you have any questions or comments regarding the contents of this report, please do not hesitate to contact me at (856) 878-6920.

Sincerely,



Jeffrey Pantazes
Manager –
Permitting & Technical Services

C Ron Nimitz- NRC
NRC – Salem Resident Inspector
NRC – Document Room

Table 01. Well Construction Details, PSEG Nuclear, LLC, Salem Generating Station, Hancock's Bridge, New Jersey.

Well ID	Installation Date	Construction Details	Diameter (inches)	Total Depth (feet bgs)	Monitoring Interval (feet bgs)	Monitored Hydrogeologic Unit	MP Elevation (feet RPD)	MP Elevation (feet amsl)	Northing (NAD 83)	Easting (NAD 83)
Well K	Feb-03	Sch-40 PVC	2	80.0	70.0 - 80.0	Vincentown ¹	102.00	12.08	231,435	199,697
Well L	Jan-03	Sch-40 PVC	2	80.0	70.0 - 80.0	Vincentown ¹	101.46	11.54	230,933	199,263
Well M	May-03	Sch-40 PVC	1	20.0	10.0 - 20.0	Cofferdam ²	102.17	12.25	230,843	199,546
Well N	Jan-03	Sch-40 PVC	2	20.0	10.0 - 20.0	Cofferdam ²	101.65	11.73	230,777	199,661
Well O	Jan-03	Sch-40 PVC	2	20.0	10.0 - 20.0	Cofferdam ²	101.33	11.41	230,804	199,839
Well P	Mar-03	Sch-40 PVC	2	80.0	70.0 - 80.0	Vincentown ¹	101.13	11.21	230,336	200,000
Well Q	Mar-03	Sch-40 PVC	2	80.0	70.0 - 80.0	Vincentown ¹	106.59	16.67	230,645	201,196
Well R	Jun-03	Sch-40 PVC	1	19.0	9.0 - 19.0	Cofferdam ²	102.35	12.43	230,906	199,640
Well S ⁴	May-03	Sch-40 PVC	2	34.7	24.7 - 34.7	Shallow ³	99.04	9.12	230,711	199,613
Well T	Jun-03	Sch-40 PVC	2	31.2	21.2 - 31.2	Shallow ³	104.13	14.21	231,575	199,575
Well U ⁴	May-03	Sch-40 PVC	2	32.2	27.2 - 32.2	Shallow ³	98.57	8.65	231,370	199,618
Well V ⁴	Jun-03	Sch-40 PVC	2	79.5	69.5 - 79.5	Vincentown ¹	98.74	8.82	231,355	199,548
Well W ⁴	Jun-03	Sch-40 PVC	2	35.0	25.0 - 35.0	Shallow ³	98.26	8.34	230,777	199,450
Well Y	Sep-03	Sch-40 PVC	2	37.0	27.0 - 35.0	Shallow ³	101.81	11.89	230,771	199,343
Well Z	Sep-03	Sch-40 PVC	2	37.5	27.5 - 37.5	Shallow ³	101.86	11.94	230,681	199,399
Well AA ⁴	Sep-03	Sch-40 PVC	2	36.0	26.0 - 36.0	Shallow ³	99.07	9.15	230,603	199,541
Well AB ⁴	Oct-03	Sch-40 PVC	2	42.0	32.0 - 42.0	Shallow ³	98.93	9.01	230,623	199,677
Well AC ⁴	Sep-03	Sch-40 PVC	2	24.0	14.0 - 24.0	Cofferdam ²	98.77	8.85	230,724	199,725

Notes:

- MP Measuring Point
- bgs Below ground surface
- RPD Relative to plant datum
- amsl Relative to mean sea level (NAVD 1988)
- ¹ Monitoring well is screened in the Vincentown Formation.
- ² Monitoring well is screened in the shallow, water-bearing unit at a location within the limits of the cofferdam.
- ³ Monitoring well is screened in the shallow, water-bearing unit at a location outside the limits of the cofferdam.
- ⁴ The surface completions of Monitoring Wells S, U, V, W, AA, AB, AC, and AD were converted from above-grade to flush-grade in February 2004.

Table 01. Well Construction Details, PSEG Nuclear, LLC, Salem Generating Station, Hancock's Bridge, New Jersey.

Well ID	Installation Date	Construction Details	Diameter (inches)	Total Depth (feet bgs)	Monitoring Interval (feet bgs)	Monitored Hydrogeologic Unit	MP Elevation (feet RPD)	MP Elevation (feet amsl)	Northing (NAD 83)	Easting (NAD 83)
Well AD ⁴	Oct-03	Sch-40 PVC	6	43.0	33.0 - 43.0	Shallow ³	98.99	9.07	230,684	199,607
Well AE	Oct-03	Sch-40 PVC	2	37.5	27.5 - 37.5	Cofferdam ²	101.54	11.62	230,829	199,845
Well AF	Oct-03	Sch-40 PVC	2	45.0	35.0 - 45.0	Shallow ³	101.61	11.69	230,491	199,702
Well AG-Shallow	Feb-04	Sch-40 PVC	1	24.2	14.2 - 24.2	Shallow ³	99.29	9.37	230,496	199,508
Well AG-Deep	Feb-04	Sch-40 PVC	1	40.0	30.0 - 40.0	Shallow ³	99.20	9.28	230,496	199,508
Well AH-Shallow	Feb-04	Sch-40 PVC	1	24.5	14.5 - 24.5	Shallow ³	102.58	12.66	230,450	199,596
Well AH-Deep	Feb-04	Sch-40 PVC	1	40.0	30.0 - 40.0	Shallow ³	102.70	12.78	230,450	199,596
Well AI	Jan-04	Sch-40 PVC	4	22.0	12.0 - 22.0	Cofferdam ²	98.79	8.87	230,798	199,521
Well AJ	Jan-04	Sch-40 PVC	4	35.3	15.3 - 35.3	Shallow ³	98.85	8.93	230,670	199,665
Well AL	Jan-04	Sch-40 PVC	2	25.3	15.3 - 25.3	Shallow ³	99.13	9.21	230,594	199,806
Well AM	Jan-04	Sch-40 PVC	4	20.9	10.9 - 20.9	Cofferdam ²	98.55	8.63	230,762	199,680
Well AN	Jun-04	Sch-40 PVC	4	25.0	10.0 - 25.0	Cofferdam ²	98.76	8.84	230,727	199,735
Well AO	Jun-04	Sch-40 PVC	4	21.0	11.0 - 21.0	Cofferdam ²	98.82	8.90	230,765	199,556
Well AP	Jun-04	Sch-40 PVC	4	40.0	15.0 - 40.0	Shallow ³	98.65	8.73	230,694	199,464
Well AQ	Jun-04	Sch-40 PVC	4	45.0	20.0 - 45.0	Shallow ³	99.05	9.13	230,526	199,540
Well AR	Jun-04	Sch-40 PVC	4	43.0	18.0 - 43.0	Shallow ³	99.22	9.30	230,622	199,626
Well AS	Jun-04	Sch-40 PVC	4	41.5	16.5 - 41.5	Shallow ³	99.44	9.52	230,566	199,604
Well AT	Jun-04	Sch-40 PVC	4	44.0	19.0 - 44.0	Shallow ³	99.25	9.33	230,546	199,566

Notes:

- MP Measuring Point
- bgs Below ground surface
- RPD Relative to plant datum
- amsl Relative to mean sea level (NAVD 1988)
- ¹ Monitoring well is screened in the Vincentown Formation.
- ² Monitoring well is screened in the shallow, water-bearing unit at a location within the limits of the cofferdam.
- ³ Monitoring well is screened in the shallow, water-bearing unit at a location outside the limits of the cofferdam.
- ⁴ The surface completions of Monitoring Wells S, U, V, W, AA, AB, AC, and AD were converted from above-grade to flush-grade in February 2004.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well- K	02/04/04		762	139	95	--	--
Well- K	06/10/04		777	143	97	--	--
Well- K	08/02/04		720	144	97	0.67	1,160
Well- K	10/04/04		485	156	100	--	--
Well- K	11/03/04		598	148	98	1.60	1,270
Well- K	12/06/04	1	<4,520	4,520	1,370	--	--
Well- K	01/10/05		480	152	98	2.12	1,200
Well- K	02/01/05		602	139	93	--	--
Well- K	03/03/05		711	146	98	--	--
Well- K	04/05/05		740	143	97	--	--
Well- K	05/09/05		473	155	100	--	--
Well- K	07/05/05		721	150	101	--	--
Well- K	01/09/06	1	<4,370	4,370	NA	--	--

Well- L	03/23/04		3,870	147	137	--	--
Well- L	05/04/04		<138	138	82	--	--
Well- L	05/10/04		<138	138	84	--	--
Well- L	05/19/04		<148	148	88	--	--
Well- L	05/24/04		<147	147	88	--	--
Well- L	06/10/04		140	140	85	1.56	2,180
Well- L	07/07/04		753	140	96	0.81	1,140
Well- L	08/02/04		<147	147	88	--	--
Well- L	10/04/04		<159	159	92	--	--
Well- L	11/03/04		<142	142	84	--	--
Well- L	12/06/04	1	<4,520	4,520	1,280	--	--
Well- L	01/10/05		<158	158	93	--	--
Well- L	02/01/05		<148	148	87	--	--
Well- L	03/07/05		<158	158	94	0.832	2,400
Well- L	04/06/05		<152	152	90	--	--
Well- L	05/17/05		<150	150	88	--	--
Well- L	07/06/05		<152	152	90	--	--
Well- L	01/09/06	1	<4,370	4,370	NA	--	--

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well- M	01/06/04		8,900	145	183	--	--
Well- M	01/22/04		7,340	140	164	--	--
Well- M	02/17/04	1	11,300	NA	NA	--	--
Well- M	03/05/04		7,170	146	168	0.15	22
Well- M	04/29/04		6,510	141	159	0.12	21
Well- M	05/11/04		2,350	141	117	--	--
Well- M	06/10/04		3,610	141	133	--	--
Well- M	07/08/04		5,090	144	150	--	--
Well- M	08/17/04		3,857	143	136	--	--
Well- M	09/08/04		3,745	146	137	--	--
Well- M	10/04/04		3,036	144	126	--	--
Well- M	11/03/04		2,818	143	125	--	--
Well- M	12/06/04	1	4,520	4,520	1,390	--	--
Well- M	01/19/05	1	37,200	3,950	2,890	--	--
Well- M	01/19/05	1	36,200	2,650	2,830	--	--
Well- M	02/09/05	1	42,300	4,660	3,240	--	--
Well- M	03/02/05	1	53,300	3,360	3,400	3.33	24
Well- M	04/11/05	1	24,600	4,220	2,550	--	--
Well- M	05/03/05		10,031	147	192	--	--
Well- M	06/06/05		15,169	146	225	--	--
Well- M	07/12/05	1	78,400	3,750	4,070	--	--
Well- M	08/15/05	1	79,400	3,905	4,114	--	--
Well- M	09/06/05	1	68,900	4,940	4,037	--	--
Well- M	10/10/05		17,049	148	240	--	--
Well- M	11/14/05		12,528	158	219	--	--
Well- M	12/13/05		8,257	148	178	--	--
Well- M	01/17/06	1	5,110	3,550	1,560	--	--
Well- N	01/20/04		6,050	143	155	--	--
Well- N	02/11/04		5,950	139	154	--	--
Well- N	02/11/04	1	7,360	NA	NA	--	--

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well-N	03/18/04		6,550	145	162	--	--
Well-N	04/08/04		7,180	137	164	2.30E-01	17
Well-N	05/12/04		8,210	147	178	--	--
Well-N	06/03/04		9,890	152	196	--	--
Well-N	07/20/04		5,220	141	148	--	--
Well-N	08/17/04		14,303	161	235	--	--
Well-N	09/14/04		11,642	148	207	--	--
Well-N	10/25/04		10,619	157	206	--	--
Well-N	11/23/04		9,150	149	187	--	--
Well-N	12/27/04	1	7,660	4,060	1,720	--	--
Well-N	01/12/05		9,550	154	195	--	--
Well-N	02/22/05		9,442	146	186	--	--
Well-N	03/15/05		9,712	153	195	0.11	18
Well-N	04/19/05		9,781	147	193	--	--
Well-N	05/17/05		9,060	147	185	--	--
Well-N	06/21/05		9,302	145	183	--	--
Well-N	07/12/05		8,147	147	177	--	--
Well-N	08/15/05		8,152	157	184	--	--
Well-N	09/20/05		7,502	151	174	--	--
Well-N	10/10/05		8,280	149	180	--	--
Well-N	11/14/05		8,210	151	180	--	--
Well-N	12/20/05		5,896	157	162	--	--
Well-N	01/23/06	1	4,800	3,550	1,500	--	--

Well-O	01/14/04		3,750	141	132	--	--
Well-O	02/09/04	1	24,200	NA	NA	--	--
Well-O	02/09/04	1	21,500	NA	NA	--	--
Well-O	03/03/04	1	21,800	NA	NA	--	--
Well-O	03/23/04	1	21,000	NA	NA	--	--
Well-O	04/06/04		19,300	136	247	2.81E-01	120
Well-O	05/03/04		20,400	140	253	--	--
Well-O	05/11/04		20,700	140	254	--	--

Notes:

- LLD Lower Limit of Detection
- mg/L Milligrams per liter
- pCi/L Picocuries per liter
- 1 Reported analytical results are from Salem Chemistry.
- < Constituent was not detected above the indicated laboratory detection limit.
- 762 Constituent was detected above the laboratory method detection limit.
- 20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.
- NA Not Available - Deviation and/or LLD were not reported.
- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well- O	06/10/04	1	28,200	4,974	2,855	--	--
Well- O	06/24/04		14,174	141	218	--	--
Well- O	07/13/04		9,510	141	185	--	--
Well- O	07/29/04		6,739	146	163	--	--
Well- O	08/31/04		7,307	159	179	--	--
Well- O	09/22/04		6,637	146	167	--	--
Well- O	10/04/04		5,543	140	151	--	--
Well- O	10/18/04		5,874	150	161	--	--
Well- O	11/22/04		14,027	144	218	--	--
Well- O	12/16/04	1	15,000	3,230	1,950	--	--
Well- O	01/18/05		18,840	152	257	0.297	22
Well- O	02/08/05	1	25,400	4,660	2,640	--	--
Well- O	03/08/05		10,911	139	195	--	--
Well- O	04/11/05		7,096	148	170	--	--
Well- O	05/10/05		6,722	148	166	--	--
Well- O	06/07/05		5,803	147	156	--	--
Well- O	07/06/05		3,827	145	136	--	--
Well- O	07/19/05		4,999	156	154	--	--
Well- O	08/02/05		4,295	148	143	--	--
Well- O	09/07/05		5,400	146	152	--	--
Well- O	10/04/05		4,326	153	146	--	--
Well- O	11/02/05		14,530	151	224	--	--
Well- O	12/09/05		15,734	152	235	--	--
Well- O	01/16/06	1	21,900	3,550	2,460	--	--

Well- P	01/22/04		<144	144	86	--	--
Well- P	04/28/04		<139	139	83	0.441	1,550
Well- P	08/03/04		<157	157	92	0.292	1,540
Well- P	10/05/04		<149	149	87	--	--
Well- P	11/03/04		<147	147	87	0.955	1,690
Well- P	12/14/04	1	<3,230	3,230	1,010	--	--
Well- P	01/11/05		<162	162	95	1.02	1,580

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well- P	02/09/05		<148	148	88	--	--
Well- P	03/03/05		<158	158	92	--	--
Well- P	04/12/05		<149	149	89	--	--
Well- P	05/10/05		<148	148	87	--	--
Well- P	07/11/05		<151	151	89	--	--
Well- P	01/23/06	1	<3,550	3,550	NA	--	--

Well- Q	01/08/04		<142	142	83	0.3	1,850
Well- Q	02/04/04		<139	139	84	--	--
Well- Q	03/22/04		<144	144	85	0.285	1,720
Well- Q	06/04/04		<156	156	91	--	--
Well- Q	08/02/04		<146	146	88	0.28	1,630
Well- Q	10/04/04		<153	153	87	--	--
Well- Q	11/03/04		<150	150	88	0.312	1,960
Well- Q	12/29/04	1	<4,020	4,020	1,420	--	--
Well- Q	01/31/05		213	142	89	--	--
Well- Q	02/15/05	1	<3,910	3,910	1,130	--	--
Well- Q	03/14/05		<151	151	91	0.30	1,730
Well- Q	03/15/05		151	151	91	--	1,730
Well- Q	04/18/05		<145	145	85	--	--
Well- Q	05/16/05		<151	151	88	--	--
Well- Q	07/19/05		<150	150	89	--	--
Well- Q	01/23/06	1	<3,550	3,550	NA	--	--

Well- R	01/22/04		2,210	143	116	--	--
Well- R	02/09/04		2,230	140	115	--	--
Well- R	02/09/04	1	<5,390	5,390	NA	--	--
Well- R	03/05/04		2,200	146	117	--	--
Well- R	04/28/04	1	<5,780	5,780	1,649	0.265	42
Well- R	05/24/04		2,420	144	120	0.30	41
Well- R	06/10/04		2,390	148	123	0.24	42
Well- R	07/08/04		2,050	147	118	--	--

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well- R	08/17/04		2,124	159	126	--	--
Well- R	09/29/04		2,000	156	122	--	--
Well- R	10/11/04		1,708	143	110	--	--
Well- R	11/08/04		1,696	151	115	--	--
Well- R	12/27/04	1	<4,053	4,053	1,290	--	--
Well- R	01/19/05		2,420	159	129	--	--
Well- R	02/09/05		2,450	150	123	0.122	45
Well- R	03/15/05		2,704	147	125	--	--
Well- R	04/11/05		2,742	157	132	--	--
Well- R	05/03/05		2,755	151	128	--	--
Well- R	06/22/05		2,736	151	127	--	--
Well- R	07/20/05		2,486	147	122	--	--
Well- R	08/16/05		2,752	155	130	--	--
Well- R	09/20/05		2,673	159	131	--	--
Well- R	10/10/05		2,435	149	123	--	--
Well- R	11/14/05		2,149	148	119	--	--
Well- R	12/13/05	1	<4,370	4,370	NA	--	--
Well- R	01/17/06	1	<3,550	3,550	NA	--	--

Well- S	01/20/04	1	1,420,000	NA	NA	--	--
Well- S	02/17/04	1	1,250,000	NA	NA	--	--
Well- S	03/18/04	1	1,220,000	NA	NA	--	--
Well- S	04/06/04	1	1,160,000	4,706	15,206	--	--
Well- S	05/04/04	1	1,100,000	5,589	15,212	44.5	35
Well- S	05/19/04	1	889,000	5,780	13,380	--	--
Well- S	06/25/04	1	1,020,000	5,270	14,500	--	--
Well- S	07/13/04	1	955,000	3,620	13,800	--	--
Well- S	08/09/04	1	856,000	4,850	13,000	--	45
Well- S	09/13/04	1	845,000	4,560	13,000	--	--
Well- S	11/08/04	1	820,000	3,230	12,800	--	--
Well- S	12/28/04	1	661,000	4,060	11,300	--	--
Well- S	01/11/05	1	753,000	3,910	12,100	--	--

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well- S	02/15/05	1	724,000	3,910	11,900	--	--
Well- S	03/07/05	1	364,000	3,490	8,570	--	--
Well- S	03/14/05	1	175,000	4,320	6,110	--	--
Well- S	03/23/05	1	182,000	3,790	6,190	--	--
Well- S	03/28/05	1	40,500	6,280	3,540	--	--
Well- S	04/18/05	1	326,000	4,420	8,380	--	--
Well- S	10/17/05	1	90,200	3,790	4,570	--	--
Well- S	11/15/05	1	64,700	3,430	3,840	--	--
Well- S	12/12/05		64,904	155	446	--	--

Well- T	03/22/04		<142	142	84	0.649	986
Well- T	04/12/04		<141	141	84	0.762	920
Well- T	07/07/04		148	148	87	--	--
Well- T	08/02/04		<152	152	91	0.622	894
Well- T	08/31/04		<147	147	87	--	--
Well- T	09/22/04		<146	146	87	--	--
Well- T	10/11/04		<155	155	91	--	--
Well- T	11/09/04		<148	148	87	--	--
Well- T	12/21/04	1	<3,910	3,910	1,340	--	--
Well- T	01/10/05		<165	165	96	--	--
Well- T	02/01/05		137	135	83	0.638	945
Well- T	03/03/05		<152	152	90	--	--
Well- T	04/05/05		<148	148	90	--	--
Well- T	05/09/05		<144	144	86	--	--
Well- T	07/05/05		<145	145	86	--	--
Well- T	10/03/05		<149	149	90	--	--
Well- T	01/09/06	1	<4,370	4,370	NA	--	--

Well- U	03/22/04		<144	144	88	0.38	168
Well- U	04/12/04		182	136	84	0.392	146
Well- U	07/07/04		162	150	92	--	--
Well- U	08/02/04		<152	152	91	0.346	143

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well- U	08/31/04		<148	148	90	--	--
Well- U	09/22/04		167	152	93	--	--
Well- U	10/04/04		<146	146	87	--	--
Well- U	11/03/04		165	148	91	--	--
Well- U	12/06/04	1	<4,520	4,520	1,160	--	--
Well- U	01/10/05		<157	157	93	--	--
Well- U	02/08/05		<149	149	91	0.377	156
Well- U	03/03/05		<147	147	88	--	--
Well- U	04/05/05		<142	142	86	--	--
Well- U	05/09/05		<148	148	90	--	--
Well- U	07/05/05		<143	143	87	--	--
Well- U	10/03/05		284	150	94	--	--
Well- U	01/09/06	1	<4,370	4,370	NA	--	--

Well- V	03/22/04		290	144	90	0.46	556
Well- V	04/12/04		316	137	87	0.529	567
Well- V	07/07/04		228	145	90	--	--
Well- V	08/02/04		309	154	97	0.433	504
Well- V	08/31/04		395	151	96	--	--
Well- V	09/22/04		402	141	91	--	--
Well- V	10/04/04		340	146	92	--	--
Well- V	11/03/04		224	143	89	--	--
Well- V	12/06/04	1	<4,170	4,170	1,360	--	--
Well- V	01/10/05		394	151	96	--	--
Well- V	02/08/05		307	152	95	--	--
Well- V	03/03/05		157	156	95	0.436	431
Well- V	04/05/05		294	141	89	--	--
Well- V	05/09/05		244	155	96	--	--
Well- V	07/05/05		197	144	89	--	--
Well- V	10/03/05		346	147	93	--	--
Well- V	01/09/06	1	<4,370	4,370	NA	--	--

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well- W	01/14/04		17,100	144	232	--	--
Well- W	02/02/04		19,600	144	251	--	--
Well- W	03/03/04		5,320	146	151	0.28	273
Well- W	04/29/04		4,570	140	140	0.14	212
Well- W	05/10/04		2,350	141	117	--	--
Well- W	05/24/04		4,080	146	139	--	--
Well- W	06/24/04		5,300	141	149	--	--
Well- W	07/28/04		11,691	154	208	--	--
Well- W	08/02/04		11,910	148	204	--	--
Well- W	08/31/04		11,091	160	211	--	--
Well- W	09/22/04		9,571	138	186	--	--
Well- W	10/11/04		9,947	147	194	--	--
Well- W	11/08/04		8,920	150	186	0.487	309
Well- W	12/14/04	1	5,560	3,230	1,390	--	--
Well- W	01/10/05		6,292	150	165	0.681	273
Well- W	02/01/05		7,340	159	178	--	--
Well- W	03/02/05		5,756	150	158	3.33	27
Well- W	04/05/05		8,826	155	192	--	--
Well- W	05/02/05		12,339	147	209	--	--
Well- W	06/06/05		11,480	154	207	--	--
Well- W	07/06/05		16,672	149	239	--	--
Well- W	08/01/05		14,920	149	227	--	--
Well- W	09/06/05		17,419	154	247	--	--
Well- W	10/03/05		12,455	149	211	--	--
Well- W	11/14/05	1	23,400	3,430	2,460	--	--
Well- W	12/20/05	1	31,200	3,430	2,830	--	--
Well- W	01/17/06	1	46,200	3,550	3,380	--	--

Well- Y	01/06/04		<142	142	85	--	--
Well- Y	02/02/04		<145	145	84	--	--
Well- Y	02/02/04	1	<5,390	5,390	NA	--	--
Well- Y	03/23/04		145	145	86	--	--

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well- Y	04/07/04		<136	136	82	0.83	1,080
Well- Y	05/10/04		143	143	85	--	--
Well- Y	06/24/04		141	141	86	0.82	1,060
Well- Y	07/28/04		<156	156	90	--	--
Well- Y	08/02/04		<157	157	94	--	--
Well- Y	08/31/04		<145	145	87	--	--
Well- Y	09/08/04		<158	158	94	--	--
Well- Y	10/11/04		<162	162	96	--	--
Well- Y	11/08/04		<151	151	88	--	--
Well- Y	12/13/04	1	<3,230	3,230	1,150	--	--
Well- Y	01/10/05		<162	162	94	0.801	1,160
Well- Y	02/01/05		<154	154	92	--	--
Well- Y	03/07/05		<149	149	89	--	--
Well- Y	04/06/05		<144	144	84	0.761	1,190
Well- Y	05/25/05		<155	155	92	--	1,230
Well- Y	06/07/05		<155	155	92	--	--
Well- Y	07/20/05		<159	159	93	--	1,270
Well- Y	08/01/05		<149	149	89	--	1,290
Well- Y	09/07/05		<149	149	89	--	--
Well- Y	10/04/05		<151	151	91	--	--
Well- Y	11/01/05		<155	155	93	--	--
Well- Y	12/13/05		<151	151	91	--	--
Well- Y	01/17/06	1	<3,550	3,550	NA	--	--

Well- Z	01/06/04		648	142	95	--	--
Well- Z	02/02/04		538	145	95	--	--
Well- Z	03/23/04		412	144	92	--	--
Well- Z	04/07/04		580	137	91	0.5	531
Well- Z	05/10/04		561	142	93	--	--
Well- Z	06/24/04		474	147	95	0.51	510
Well- Z	07/28/04		519	150	97	--	--
Well- Z	07/29/04		519	150	97	--	--

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well- Z	08/02/04		706	159	106	--	--
Well- Z	08/31/04		585	152	100	--	--
Well- Z	09/08/04		444	141	91	--	--
Well- Z	10/11/04		268	144	90	--	--
Well- Z	11/08/04		339	155	98	0.491	548
Well- Z	12/13/04	1	<3,230	3,230	1,060	--	--
Well- Z	01/10/05		249	159	99	--	--
Well- Z	02/01/05		228	153	95	--	--
Well- Z	03/07/05		192	153	94	0.535	688
Well- Z	04/06/05		274	165	103	0.506	716
Well- Z	05/25/05		<149	149	91	--	635
Well- Z	06/07/05		182	149	91	--	--
Well- Z	07/20/05		177	158	97	--	702
Well- Z	08/01/05		202	147	91	--	696
Well- Z	08/16/05		<160	160	98	--	--
Well- Z	08/29/05		186	149	91	--	--
Well- Z	09/07/05		201	149	92	--	--
Well- Z	09/19/05		<156	156	94	--	--
Well- Z	10/04/05		271	148	93	--	--
Well- Z	10/18/05		<153	153	93	--	--
Well- Z	11/01/05		<158	158	94	--	--
Well- Z	12/13/05		<157	157	96	--	--
Well- Z	01/17/06	1	<3,550	3,550	NA	--	--

Well-AA	01/06/04		713	141	95	--	--
Well-AA	02/09/04		1,130	139	100	--	--
Well-AA	02/19/04	1	<5,390	5,390	NA	--	--
Well-AA	03/18/04		2,610	140	120	--	--
Well-AA	04/12/04		3,140	140	126	2.40E-01	169
Well-AA	05/03/04	1	<5,590	5,590	1,770	--	--
Well-AA	05/19/04	1	<3,320	3,320	1,198	<3.3	168
Well-AA	06/23/04		4,376	142	141	<3.33	138

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well-AA	07/29/04		1,650	156	118	--	--
Well-AA	08/02/04		1,580	148	112	--	--
Well-AA	08/31/04		1,543	159	118	--	--
Well-AA	09/03/04		1,512	152	113	--	--
Well-AA	10/11/04		1,529	146	110	--	--
Well-AA	11/03/04		1,927	152	118	0.59	147
Well-AA	12/14/04	1	<3,230	3,230	1,130	--	--
Well-AA	01/11/05		6,640	151	168	--	--
Well-AA	02/02/05		11,100	154	205	--	--
Well-AA	02/02/05		11,150	155	205	--	--
Well-AA	03/07/05		20,751	142	260	0.036	152
Well-AA	04/06/05	1	35,700	4,220	2,970	--	--
Well-AA	05/02/05	1	22,800	3,320	2,310	--	--
Well-AA	06/06/05		16,136	150	235	--	--
Well-AA	07/06/05		14,547	150	226	--	--
Well-AA	08/01/05		13,174	155	220	--	--
Well-AA	09/06/05		15,887	150	234	--	--
Well-AA	09/07/05	1	13,500	4,940	2,271	--	--
Well-AA	10/03/05		10,930	148	199	--	--
Well-AA	11/01/05		8,911	159	189	--	--
Well-AA	12/08/05		5,255	147	151	--	--
Well-AA	01/10/06	1	<4,370	4,370	NA	--	--

Well-AB	01/14/04	1	281,000	NA	NA	--	--
Well-AB	02/17/04	1	215,000	NA	NA	--	--
Well-AB	03/03/04	1	193,000	NA	NA	--	--
Well-AB	04/06/04	1	260,000	4,706	7,380	--	--
Well-AB	05/04/04	1	136,000	5,589	5,817	9.3	134
Well-AB	05/11/04	1	144,000	5,392	5,967	--	--
Well-AB	05/19/04	1	172,000	5,780	6,108	<3.3	292
Well-AB	05/24/04	1	213,000	4,563	6,779	--	--
Well-AB	06/03/04	1	210,000	4,563	6,746	<3.3	105

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well-AB	06/17/04	1	194.000	5,666	6,509	--	--
Well-AB	07/07/04	1	202.000	3,360	6,330	--	--
Well-AB	07/12/04	1	206.000	3,620	6,380	--	--
Well-AB	07/19/04	1	195.000	2,870	6,160	8.12	156
Well-AB	07/28/04	1	213.000	4,280	6,600	--	--
Well-AB	08/02/04	1	184.000	4,420	6,120	--	--
Well-AB	08/09/04	1	164.000	4,850	5,840	--	214
Well-AB	08/16/04	1	150.000	3,320	5,490	--	--
Well-AB	08/25/04	1	171.000	3,030	5,880	--	--
Well-AB	09/01/04	1	189.000	4,520	6,220	--	--
Well-AB	09/08/04	1	165.000	3,790	5,750	--	--
Well-AB	09/13/04	1	170.000	4,560	5,980	15.90	212
Well-AB	09/22/04	1	166.000	5,230	5,910	--	--
Well-AB	10/04/04	1	152.000	3,320	6,000	--	--
Well-AB	10/12/04	1	152.000	2,220	5,520	--	--
Well-AB	10/18/04	1	142.000	3,230	5,340	--	--
Well-AB	11/03/04	1	167.000	2,720	5,850	--	--
Well-AB	11/08/04	1	156.000	3,230	5,650	--	--
Well-AB	11/15/04	1	161.000	3,910	5,800	--	--
Well-AB	11/29/04	1	163.000	2,650	5,730	--	--
Well-AB	12/13/04	1	146.000	3,230	5,410	--	--
Well-AB	01/11/05	1	142.000	3,910	5,330	--	--
Well-AB	01/27/05	1	160.000	2,470	5,650	--	--
Well-AB	01/31/05	1	156.000	4,560	5,770	--	--
Well-AB	02/01/05	1	155.000	2,650	5,630	--	--
Well-AB	02/08/05	1	141.000	4,660	5,560	--	--
Well-AB	03/02/05		151.376	144	664	--	--
Well-AB	03/07/05	1	160.000	3,490	5,770	--	--
Well-AB	03/14/05	1	158.000	4,320	5,760	--	--
Well-AB	03/23/05	1	163.000	3,790	5,830	--	--
Well-AB	03/28/05	1	153.000	6,280	5,920	--	--
Well-AB	04/18/05	1	135.000	4,420	5,470	--	--

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well-AB	05/18/05	1	224,000	3,490	7,050	--	--
Well-AB	06/22/05	1	27,300	3,750	4,460	--	--
Well-AB	08/15/05	1	71,900	3,905	3,950	--	--
Well-AB	10/17/05	1	59,200	3,790	3,730	--	--
Well-AB	11/15/05	1	60,800	3,430	3,740	--	--
Well-AB	12/12/05	1	52,900	4,370	3,600	--	--
Well-AB	01/24/06	1	49,200	3,550	3,480	--	--
Well-AC	01/20/04	1	10,700,000	NA	NA	--	--
Well-AC	02/18/04	1	9,170,000	NA	NA	--	--
Well-AC	03/18/04	1	6,360,000	NA	NA	--	--
Well-AC	04/08/04	1	6,560,000	5,822	36,309	--	--
Well-AC	06/04/04	1	3,400,000	6,283	26,713	<3.3	12
Well-AC	07/07/04	1	2,770,000	3,360	23,200	--	--
Well-AC	07/28/04	1	3,200,000	4,280	25,100	--	--
Well-AC	08/02/04	1	2,840,000	3,320	23,400	--	--
Well-AC	08/09/04	1	2,230,000	4,850	20,900	17.90	71
Well-AC	08/16/04	1	2,150,000	3,320	20,400	--	--
Well-AC	08/25/04	1	2,040,000	3,030	19,900	--	--
Well-AC	09/01/04	1	1,940,000	4,520	19,400	--	--
Well-AC	01/11/05	1	699,000	3,910	11,600	--	--
Well-AC	01/17/05	1	680,000	3,360	11,600	--	--
Well-AC	02/09/05	1	614,000	4,660	11,200	--	--
Well-AC	04/29/05	1	32,400	3,320	2,650	--	--
Well-AC	05/24/05	1	34,100	3,320	2,760	--	--
Well-AC	06/16/05	1	26,300	3,750	2,520	--	--
Well-AC	07/29/05	1	22,400	3,320	2,340	--	--
Well-AC	08/18/05	1	219,000	4,753	6,877	--	--
Well-AC	09/26/05	1	47,300	4,220	3,390	--	--
Well-AC	11/21/05	1	21,300	4,370	2,520	--	--
Well-AC	12/12/05	1	44,100	4,370	3,340	--	--
Well-AC	01/12/06	1	29,100	3,550	2,770	--	--

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well-AD	01/14/04	1	220,000	NA	NA	--	--
Well-AD	02/17/04	1	400,000	NA	NA	--	--
Well-AD	03/03/04	1	420,000	NA	NA	--	--
Well-AD	04/06/04	1	542,000	4,706	10,418	--	--
Well-AD	05/04/04	1	624,000	5,589	11,649	5.8	65
Well-AD	05/11/04	1	599,000	5,392	11,469	--	--
Well-AD	05/19/04	1	610,000	5,780	11,152	<3.3	109
Well-AD	06/03/04	1	744,000	4,563	12,461	<3.3	71
Well-AD	06/17/04	1	786,000	5,666	12,887	--	--
Well-AD	07/07/04	1	719,000	3,360	11,900	--	--
Well-AD	07/12/04	1	772,000	3,620	12,300	--	--
Well-AD	07/19/04	1	746,000	2,870	12,100	12.00	81
Well-AD	07/28/04	1	784,000	4,280	12,500	--	--
Well-AD	08/02/04	1	801,000	3,030	12,600	--	--
Well-AD	08/09/04	1	754,000	4,850	1,230	12.80	90
Well-AD	08/16/04	1	844,000	3,320	13,000	--	--
Well-AD	12/28/04	1	<4,060	4,060	1,130	--	--
Well-AD	03/02/05	1	672,000	3,670	11,700	--	--
Well-AD	03/07/05	1	613,000	3,490	11,300	--	--
Well-AD	03/14/05	1	717,000	4,320	12,100	--	--
Well-AD	03/23/05	1	558,000	3,790	10,700	--	--
Well-AD	03/28/05	1	42,200	6,280	3,640	--	--
Well-AD	04/18/05	1	481,000	4,420	10,000	--	--
Well-AD	05/18/05	1	449,000	3,490	9,320	--	--
Well-AD	06/22/05	1	340,000	3,750	8,160	--	--
Well-AD	07/19/05	1	296,000	3,750	7,610	--	--
Well-AD	08/15/05	1	213,000	3,905	6,575	--	--
Well-AD	10/17/05	1	224,000	3,790	7,010	--	--
Well-AD	11/15/05	1	207,000	3,430	6,700	--	--
Well-AD	12/12/05	1	152,000	4,370	5,860	--	--
Well-AD	01/24/06	1	151,000	3,550	5,710	--	--

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well-AE	01/14/04		16,100	144	229	--	--
Well-AE	02/09/04		16,600	139	232	--	--
Well-AE	02/09/04	1	19,200	NA	NA	--	--
Well-AE	03/03/04		17,000	147	237	--	--
Well-AE	03/18/04		19,000	145	248	--	--
Well-AE	04/28/04		14,900	140	220	0.09	8
Well-AE	05/03/04	1	14,000	5,589	2,409	--	--
Well-AE	06/17/04	1	7,810	5,666	2,152	<3.33	11
Well-AE	07/13/04		7,820	149	175	--	--
Well-AE	08/16/04		7,238	151	173	--	--
Well-AE	09/22/04		5,939	140	156	--	--
Well-AE	10/18/04		5,375	150	156	--	--
Well-AE	11/22/04		4,636	152	149	--	--
Well-AE	12/16/04	1	<3,230	3,230	1,200	--	--
Well-AE	01/18/05		7,530	164	185	--	--
Well-AE	02/08/05		10,100	147	192	0.099	11
Well-AE	03/08/05		13,026	142	212	--	--
Well-AE	04/11/05		8,832	157	192	--	--
Well-AE	05/10/05		9,305	147	187	--	--
Well-AE	06/07/05		7,741	147	173	--	--
Well-AE	07/06/05		6,336	148	162	--	--
Well-AE	08/02/05		4,947	148	149	--	--
Well-AE	09/07/05		3,384	150	134	--	--
Well-AE	10/04/05		3,305	152	135	--	--
Well-AE	11/02/05		3,592	151	136	--	--
Well-AE	12/09/05		5,123	153	154	--	--
Well-AE	01/16/06	1	20,300	3,550	2,390	--	--
Well-AF	01/06/04		366	142	90	--	--
Well-AF	01/20/04		262	143	89	--	--
Well-AF	02/02/04		295	144	91	--	--

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well-AF	03/18/04		150	144	88	--	--
Well-AF	04/20/04		247	141	88	4.80E-01	654
Well-AF	05/03/04		308	141	89	--	--
Well-AF	06/25/04		301	144	90	0.523	766
Well-AF	07/13/04		270	145	91	--	--
Well-AF	08/16/04		177	156	96	--	--
Well-AF	09/23/04		241	147	92	--	--
Well-AF	10/12/04		<151	151	90	--	--
Well-AF	11/16/04		168	153	94	--	--
Well-AF	12/21/04	1	<3,910	3,910	1,130	--	--
Well-AF	01/11/05	1	<3,910	3,910	1,180	--	--
Well-AF	02/08/05		<154	154	94	0.644	843
Well-AF	03/14/05	1	<4,320	4,320	1,240	--	--
Well-AF	04/11/05		363	148	94	--	--
Well-AF	05/09/05		245	143	89	--	--
Well-AF	07/11/05		193	152	93	--	--
Well-AF	10/17/05		182	157	96	--	--
Well-AF	01/16/06	1	<3,550	3,550	NA	--	--

Well-AG-D	02/23/04		6,100	140	156	0.34	849
Well-AG-D	03/09/04		3,280	149	132	--	--
Well-AG-D	03/29/04		2,540	151	125	--	--
Well-AG-D	04/12/04		4,990	141	145	5.10E-01	765
Well-AG-D	04/19/04		2,920	141	124	0.5	868
Well-AG-D	04/28/04		896	135	95	0.38	866
Well-AG-D	05/03/04	1	<5,590	5,590	NA	--	--
Well-AG-D	05/10/04		1,490	140	106	5.60E-01	885
Well-AG-D	05/24/04		1,290	152	109	--	--
Well-AG-D	05/28/04	1	<4,560	4,560	1,551	--	--
Well-AG-D	06/03/04		4,040	145	139	--	--
Well-AG-D	06/08/04		13,625	142	214	--	--
Well-AG-D	06/16/04		566	154	101	0.18	239

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well-AG-D	06/25/04		1,865	141	111	0.539	862
Well-AG-D	07/07/04		2,698	141	121	--	--
Well-AG-D	07/14/04		3,426	142	130	0.506	798
Well-AG-D	07/19/04		2,718	152	128	--	--
Well-AG-D	07/28/04		2,939	145	127	0.518	826
Well-AG-D	08/09/04		4,217	148	143	0.533	883
Well-AG-D	08/23/04		6,538	156	171	--	--
Well-AG-D	09/13/04		7,191	149	172	--	--
Well-AG-D	09/29/04		13,241	148	218	--	--
Well-AG-D	10/05/04		8,613	156	190	--	--
Well-AG-D	10/18/04		12,456	144	209	--	--
Well-AG-D	11/04/04		7,424	139	167	--	--
Well-AG-D	11/09/04	1	31,500	3,230	2,690	--	--
Well-AG-D	11/15/04		11,993	150	209	--	--
Well-AG-D	11/22/04		3,813	148	138	--	--
Well-AG-D	11/29/04	1	8,860	2,650	1,580	--	--
Well-AG-D	12/07/04	1	<4,170	4,170	1,510	--	--
Well-AG-D	12/14/04	1	6,910	3,230	1,500	--	--
Well-AG-D	12/21/04	1	<3,910	3,910	1,370	--	--
Well-AG-D	12/28/04	1	5,710	4,060	1,570	--	--
Well-AG-D	01/07/05		6,300	150	166	--	--
Well-AG-D	01/11/05		8,700	143	180	--	--
Well-AG-D	01/18/05		4,880	154	153	0.823	836
Well-AG-D	01/26/05		4,040	141	139	--	--
Well-AG-D	02/02/05		6,455	155	168	--	--
Well-AG-D	02/09/05		6,310	149	162	--	--
Well-AG-D	02/14/05		5,995	146	159	--	--
Well-AG-D	02/22/05		958	155	107	--	--
Well-AG-D	03/03/05		1,099	148	105	--	--
Well-AG-D	03/07/05		937	155	106	--	--
Well-AG-D	03/14/05		1,026	143	101	--	--
Well-AG-D	03/23/05		1,203	149	107	--	--

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well-AG-D	03/28/05		1,217	141	102	--	--
Well-AG-D	04/05/05		764	169	113	0.39	1,060
Well-AG-D	04/18/05		938	162	111	0.344	971
Well-AG-D	05/03/05		1,380	149	109	--	958
Well-AG-D	05/16/05		798	144	98	--	876
Well-AG-D	06/06/05		883	148	102	--	929
Well-AG-D	07/11/05		884	149	102	--	858
Well-AG-D	08/01/05		762	144	97	--	865
Well-AG-D	09/06/05		1,170	149	106	--	--
Well-AG-D	10/11/05		901	147	101	--	--
Well-AG-D	11/01/05		995	150	104	--	--
Well-AG-D	12/08/05		712	146	98	--	--
Well-AG-D	01/09/06	1	<4,370	4,370	NA	--	--

Well-AG-S	02/23/04		2,320	138	115	0.04	348
Well-AG-S	03/09/04		3,000	146	126	--	--
Well-AG-S	03/29/04		4,810	153	150	--	--
Well-AG-S	04/12/04		6,620	143	161	0.26	319
Well-AG-S	04/20/04		8,060	142	173	0.23	338
Well-AG-S	04/28/04		10,300	136	188	0.19	312
Well-AG-S	05/10/04		9,580	139	184	--	--
Well-AG-S	05/24/04		9,390	147	189	--	--
Well-AG-S	05/26/04	1	11,300	5,780	2,281	--	--
Well-AG-S	05/27/04	1	18,300	4,563	2,383	--	--
Well-AG-S	05/28/04	1	14,400	4,563	2,193	--	--
Well-AG-S	06/03/04		17,329	150	242	--	--
Well-AG-S	06/08/04		13,226	154	220	--	--
Well-AG-S	06/16/04		17,244	145	237	0.247	286
Well-AG-S	06/25/04		20,049	152	263	0.271	300
Well-AG-S	07/07/04		13,528	147	217	--	--
Well-AG-S	07/14/04		17,361	149	241	0.243	323
Well-AG-S	07/19/04		12,601	149	210	--	--

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well-AG-S	07/26/04	1	21,300	3,230	2,230	--	341
Well-AG-S	07/28/04		15,617	147	232	0.231	315
Well-AG-S	07/30/04	1	26,700	4,850	2,700	--	365
Well-AG-S	08/09/04		21,380	144	263	0.241	321
Well-AG-S	08/23/04	1	20,300	3,025	2,176	--	--
Well-AG-S	09/13/04		10,430	151	200	--	--
Well-AG-S	09/29/04		7,074	160	179	--	--
Well-AG-S	10/05/04		11,088	154	207	--	--
Well-AG-S	10/18/04		16,353	143	233	--	--
Well-AG-S	11/04/04		15,313	150	231	--	--
Well-AG-S	11/09/04	1	22,100	3,230	2,320	--	--
Well-AG-S	11/15/04	1	21,200	3,910	2,390	--	--
Well-AG-S	11/22/04	1	20,300	4,220	2,350	--	--
Well-AG-S	11/29/04	1	21,300	2,650	2,220	--	--
Well-AG-S	12/07/04	1	23,700	4,170	2,480	--	--
Well-AG-S	12/14/04	1	23,300	3,230	2,330	--	--
Well-AG-S	12/21/04	1	23,700	4,020	2,700	--	--
Well-AG-S	12/28/04	1	22,200	4,060	2,380	--	--
Well-AG-S	01/07/05	1	28,800	3,910	2,610	--	--
Well-AG-S	01/11/05	1	33,200	3,910	2,770	--	--
Well-AG-S	01/18/05	1	29,400	3,950	2,630	--	--
Well-AG-S	01/26/05		21,600	149	267	--	--
Well-AG-S	02/02/05	1	31,200	2,650	2,660	--	--
Well-AG-S	02/02/05	1	29,700	4,660	2,810	--	--
Well-AG-S	02/09/05	1	27,200	4,660	2,710	--	--
Well-AG-S	02/14/05	1	24,300	3,910	2,480	--	--
Well-AG-S	02/22/05		11,929	154	211	--	--
Well-AG-S	03/03/05		6,944	158	174	--	--
Well-AG-S	03/07/05		7,239	136	164	--	--
Well-AG-S	03/14/05		7,693	143	171	--	--
Well-AG-S	03/23/05		9,248	147	187	--	--
Well-AG-S	03/28/05		9,399	141	183	--	--

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well-AG-S	04/05/05		9,357	143	187	0.175	240
Well-AG-S	04/18/05		3,472	152	138	0.144	426
Well-AG-S	05/03/05		6,858	151	169	--	236
Well-AG-S	05/16/05		2,493	146	121	--	192
Well-AG-S	06/06/05		1,007	148	103	--	567
Well-AG-S	07/11/05		2,022	150	119	--	582
Well-AG-S	08/01/05		3,537	151	136	--	606
Well-AG-S	09/06/05		4,295	151	144	--	--
Well-AG-S	10/11/05		6,309	146	160	--	--
Well-AG-S	11/01/05		4,043	149	139	--	--
Well-AG-S	12/08/05		349	150	95	--	--
Well-AG-S	01/09/06	1	<4,370	4,370	NA	--	--

Well-AH-D	02/23/04		548	142	93	0.21	309
Well-AH-D	03/08/04		620	142	95	--	--
Well-AH-D	03/29/04		522	142	93	0.31	290
Well-AH-D	04/19/04		563	140	93	0.19	241
Well-AH-D	05/03/04		637	142	95	--	--
Well-AH-D	06/03/04		619	157	103	--	--
Well-AH-D	06/16/04	1	<5,670	5,670	1,571	--	--
Well-AH-D	07/19/04		552	147	97	0.191	260
Well-AH-D	08/23/04		586	140	93	--	--
Well-AH-D	09/13/04		557	151	99	--	--
Well-AH-D	09/29/04		517	155	101	--	--
Well-AH-D	10/18/04		308	144	90	--	--
Well-AH-D	11/15/04	1	<3,910	3,910	1,328	--	--
Well-AH-D	12/20/04	1	<3,910	3,910	1,130	--	--
Well-AH-D	01/11/05		487	154	100	0.235	250
Well-AH-D	02/15/05		493	147	96	--	--
Well-AH-D	03/08/05		529	146	96	--	--
Well-AH-D	04/18/05		407	150	96	0.298	673
Well-AH-D	05/16/05		492	146	95	--	654

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well-AH-D	06/07/05		610	148	98	--	1,020
Well-AH-D	07/11/05		665	143	96	--	--
Well-AH-D	08/02/05		599	145	96	--	--
Well-AH-D	09/07/05		522	151	98	--	--
Well-AH-D	10/17/05		361	156	99	--	--
Well-AH-D	11/02/05		403	152	97	--	--
Well-AH-D	12/09/05		257	151	94	--	--
Well-AH-D	01/10/06	1	<4,370	4,370	NA	--	--

Well-AH-S	02/23/04		899	143	99	0.14	135
Well-AH-S	03/08/04		894	142	98	--	--
Well-AH-S	03/29/04		878	141	97	0.27	56
Well-AH-S	04/20/04		932	141	98	0.25	67
Well-AH-S	05/03/04		908	141	98	--	--
Well-AH-S	06/03/04		759	149	100	--	--
Well-AH-S	06/16/04		835	142	97	0.263	48
Well-AH-S	07/19/04		816	151	103	0.204	38
Well-AH-S	08/23/04		752	155	105	--	--
Well-AH-S	09/13/04		512	144	94	--	--
Well-AH-S	09/29/04		533	149	97	--	--
Well-AH-S	10/18/04		420	159	101	--	--
Well-AH-S	11/15/04	1	<3,910	3,910	1,235	--	--
Well-AH-S	12/20/04	1	<3,910	3,910	1,130	--	--
Well-AH-S	01/11/05		658	163	107	0.446	61
Well-AH-S	02/15/05		633	146	97	--	--
Well-AH-S	03/08/05		614	147	97	--	--
Well-AH-S	04/18/05		319	146	92	0.138	216
Well-AH-S	05/16/05		249	150	93	--	277
Well-AH-S	06/07/05		238	147	91	--	151
Well-AH-S	07/11/05		293	144	91	--	--
Well-AH-S	08/02/05		241	147	92	--	--
Well-AH-S	09/07/05		162	149	91	--	--

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well-AH-S	10/17/05		<153	153	92	--	--
Well-AH-S	11/02/05		298	151	94	--	--
Well-AH-S	12/09/05		218	148	91	--	--
Well-AH-S	01/10/06	1	<4,370	4,370	NA	--	--

Well-AI	02/02/04	1	<5,780	5,780	NA	--	--
Well-AI	02/26/04		4,360	140	138	0.05	8
Well-AI	03/11/04		4,370	145	141	--	--
Well-AI	03/30/04		3,550	143	131	--	--
Well-AI	05/04/04		11,800	140	200	0.17	16
Well-AI	05/11/04	1	40,800	5,392	3,466	--	--
Well-AI	05/19/04	1	44,100	5,780	3,439	<3.3	47
Well-AI	06/03/04	1	45,900	4,563	3,360	--	--
Well-AI	07/19/04	1	30,200	2,870	2,550	--	--
Well-AI	07/28/04	1	29,900	3,790	2,650	--	--
Well-AI	08/02/04	1	31,100	3,320	2,670	--	--
Well-AI	08/09/04	1	35,600	4,850	3,030	--	28
Well-AI	08/16/04	1	41,000	3,320	3,000	--	--
Well-AI	08/25/04	1	43,200	3,030	3,050	--	--
Well-AI	12/27/04		13,120	153	222	--	--
Well-AI	04/19/05		13,120	153	222	--	--
Well-AI	05/10/05	1	31,100	3,620	2,640	--	--
Well-AI	06/21/05	1	34,400	3,750	2,820	--	--
Well-AI	07/12/05		14,060	155	226	--	--
Well-AI	08/15/05		7,683	147	172	--	--
Well-AI	09/06/05		6,669	150	166	--	--
Well-AI	10/10/05		5,081	148	151	--	--
Well-AI	11/14/05		4,535	152	148	--	--
Well-AI	12/20/05		3,602	156	139	--	--
Well-AI	01/17/06	1	3,900	3,550	1,430	--	--

Well-AJ	02/25/04		1,150	142	102	0.62	616
---------	----------	--	-------	-----	-----	------	-----

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well-AJ	03/09/04		1,040	140	99	0.68	650
Well-AJ	03/30/04		1,080	146	103	0.62	642
Well-AJ	04/19/04		1,190	139	101	0.67	621
Well-AJ	05/10/04		1,240	142	103	--	--
Well-AJ	05/24/04		1,270	158	113	--	--
Well-AJ	06/16/04		1,495	148	111	--	--
Well-AJ	07/13/04		2,193	142	116	--	--
Well-AJ	07/20/04		1,525	152	113	--	--
Well-AJ	08/16/04		1,677	141	110	--	--
Well-AJ	09/08/04		4,254	152	146	--	--
Well-AJ	10/18/04	1	54,800	3,230	3,560	--	--
Well-AJ	11/16/04	1	193,000	3,910	6,440	--	--
Well-AJ	12/28/04	1	144,000	2,820	5,450	--	--
Well-AJ	01/12/05	1	366,000	3,910	8,540	--	--
Well-AJ	02/14/05	1	331,000	3,910	8,260	--	--
Well-AJ	03/02/05	1	218,000	3,670	6,710	--	--
Well-AJ	03/07/05	1	155,000	3,490	5,670	--	--
Well-AJ	03/14/05	1	172,000	4,320	6,120	--	--
Well-AJ	03/23/05	1	70,400	3,790	3,720	--	--
Well-AJ	03/28/05	1	152,000	6,280	5,880	--	--
Well-AJ	04/18/05	1	139,000	4,420	5,490	--	--
Well-AJ	05/18/05	1	122,000	3,490	4,900	--	--
Well-AJ	08/15/05	1	68,500	3,905	3,877	--	--
Well-AJ	10/17/05	1	182,000	3,790	6,330	--	--
Well-AJ	11/15/05	1	62,300	3,430	3,770	--	--
Well-AJ	12/12/05	1	143,000	4,370	5,750	--	--
Well-AJ	01/24/06	1	51,400	3,550	3,520	--	--

Well-AL	02/25/04		<141	141	83	0.21	60
Well-AL	03/09/04		<147	147	86	0.20	55
Well-AL	03/30/04		<146	146	86	0.22	63
Well-AL	04/19/04		<141	141	85	0.3	62

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well-AL	05/19/04		<151	151	89	--	--
Well-AL	06/16/04		<141	141	85	--	--
Well-AL	07/13/04		<141	141	85	--	--
Well-AL	07/28/04		<147	147	88	--	--
Well-AL	08/16/04		<150	150	91	--	--
Well-AL	09/08/04		<153	153	91	--	--
Well-AL	10/12/04		<146	146	85	--	--
Well-AL	11/16/04	1	<3,910	3,910	1,126	--	--
Well-AL	12/21/04	1	<3,910	3,910	1,130	--	--
Well-AL	01/11/05		<157	157	92	--	--
Well-AL	02/08/05		<157	157	92	0.23	74
Well-AL	03/14/05		<146	146	87	--	--
Well-AL	04/11/05		<158	158	93	--	--
Well-AL	05/09/05		<150	150	88	--	--
Well-AL	07/11/05		<154	154	90	--	--
Well-AL	10/10/05		<148	148	89	--	--
Well-AL	01/23/06	1	<3,550	3,550	NA	--	--

Well-AM	02/02/04	1	425,000	NA	NA	--	--
Well-AM	02/26/04	1	273,000	NA	NA	--	--
Well-AM	02/26/04	1	273,000	NA	NA	--	--
Well-AM	03/11/04	1	234,000	NA	NA	--	--
Well-AM	03/11/04	1	234,000	NA	NA	--	--
Well-AM	04/08/04	1	196,000	5,822	6,425	--	--
Well-AM	04/08/04	1	196,000	5,822	6,425	--	--
Well-AM	05/06/04	1	150,000	5,589	5,807	--	--
Well-AM	05/06/04	1	150,000	5,589	5,807	--	--
Well-AM	05/20/04	1	149,000	4,563	5,651	<3.3	6
Well-AM	06/10/04	1	156,000	4,974	5,832	<3.33	5
Well-AM	07/20/04	1	128,000	2,870	5,020	--	--
Well-AM	08/17/04	1	137,000	3,320	5,270	--	--
Well-AM	09/14/04	1	139,000	4,560	5,380	--	6

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well-AM	10/25/04	1	124,000	3,030	5,080	--	--
Well-AM	11/23/04	1	116,000	4,220	4,940	--	--
Well-AM	12/27/04	1	103,000	4,060	4,590	--	--
Well-AM	01/12/05	1	108,000	3,910	4,660	--	--
Well-AM	02/22/05	1	89,300	3,550	4,340	--	--
Well-AM	03/15/05	1	76,900	4,320	4,100	--	--
Well-AM	04/19/05	1	54,200	4,420	3,570	--	--
Well-AM	05/17/05	1	58,400	3,490	3,480	--	--
Well-AM	06/21/05	1	53,800	3,750	3,420	--	--
Well-AM	07/11/05	1	43,200	3,750	3,110	--	--
Well-AM	08/15/05	1	38,100	3,905	2,979	--	--
Well-AM	09/20/05	1	87,500	4,563	4,478	--	--
Well-AM	10/10/05	1	34,200	3,790	2,930	--	--
Well-AM	11/14/05	1	43,100	3,430	3,210	--	--
Well-AM	12/20/05	1	25,400	3,430	2,580	--	--
Well-AM	01/23/06	1	28,700	3,550	2,750	--	--

Well-AN	08/10/04		21,579	143	263	0.685	32
Well-AN	08/24/04		19,632	155	263	--	--
Well-AN	09/14/04		9,150	141	182	0.567	23
Well-AN	10/25/04		8,950	147	185	--	--
Well-AN	11/23/04		6,245	144	158	--	--
Well-AN	12/29/04	1	<4,020	4,020	1,210	--	--
Well-AN	01/12/05		6,180	159	169	--	--
Well-AN	03/02/05	1	192,000	3,670	6,300	--	--
Well-AN	03/07/05	1	171,000	3,490	5,940	--	--
Well-AN	03/14/05	1	154,000	4,320	5,700	--	--
Well-AN	03/23/05	1	172,000	3,790	6,030	--	--
Well-AN	03/28/05	1	98,900	6,280	4,900	--	--
Well-AN	04/18/05	1	149,000	4,420	5,650	--	--
Well-AN	05/18/05	1	121,000	3,490	4,920	--	--
Well-AN	06/22/05	1	98,000	3,750	4,470	--	--

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well-AN	07/19/05		76,094	148	479	--	--
Well-AN	08/15/05	1	69,000	3,905	3,879	--	--
Well-AN	10/17/05	1	75,100	3,790	4,150	--	--
Well-AN	11/15/05	1	106,000	3,430	4,860	--	--
Well-AN	12/12/05	1	76,400	4,370	4,260	--	--
Well-AN	01/24/06	1	99,100	3,550	4,800	--	--

Well-AO	07/29/04		6,739	146	163	--	--
Well-AO	08/10/04		2,399	153	125	0.24	27
Well-AO	08/16/04		5,420	146	155	--	--
Well-AO	08/24/04		2,225	155	125	--	--
Well-AO	09/14/04		2,417	149	123	--	--
Well-AO	09/29/04		2,794	152	130	--	--
Well-AO	10/25/04		2,706	158	132	--	--
Well-AO	11/23/04		2,570	147	123	--	--
Well-AO	12/27/04	1	4,060	4,060	1,370	--	--
Well-AO	01/12/05		1,780	166	125	--	--
Well-AO	03/02/05	1	15,900	3,670	2,100	--	--
Well-AO	03/07/05	1	158,000	3,490	5,710	--	--
Well-AO	03/14/05	1	138,000	4,320	5,430	--	--
Well-AO	03/23/05	1	192,000	3,790	6,570	--	--
Well-AO	03/28/05		6,395	147	162	--	--
Well-AO	11/15/05	1	34,700	3,430	2,900	--	--
Well-AO	12/12/05	1	58,000	4,370	3,750	--	--

Well-AP	07/19/04		2,078	148	118	0.06	59
Well-AP	08/09/04		1,455	150	112	0.126	105
Well-AP	08/23/04		1,006	151	106	--	--
Well-AP	09/08/04		1,039	148	105	--	--
Well-AP	09/22/04		1,679	156	119	--	--
Well-AP	10/11/04		777	151	102	--	--
Well-AP	11/22/04		1,531	150	112	0.204	65

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well-AP	12/14/04	1	<3,230	3,230	984	--	--
Well-AP	01/27/05		1,200	138	102	0.16	134
Well-AP	02/01/05		2,680	153	128	--	--
Well-AP	03/07/05	1	70,300	3,490	3,970	--	--
Well-AP	04/05/05	1	100,000	4,220	4,730	--	--
Well-AP	05/02/05	1	94,400	3,320	1,690	--	--
Well-AP	06/06/05	1	106,000	3,460	4,630	--	--
Well-AP	06/21/05	1	46,400	3,750	3,220	--	--
Well-AP	07/05/05		1,968	144	114	--	--
Well-AP	07/19/05		4,563	148	145	--	--
Well-AP	08/01/05	1	6,190	3,320	3,640	--	--
Well-AP	08/16/05	1	25,500	3,905	2,564	--	--
Well-AP	08/29/05		961	151	105	--	--
Well-AP	09/06/05		1,196	150	107	--	--
Well-AP	09/19/05		10,097	152	195	--	--
Well-AP	10/03/05	1	48,600	4,220	3,530	--	--
Well-AP	10/18/05		12,250	156	212	--	--
Well-AP	11/01/05		798	149	101	--	--
Well-AP	12/08/05	1	28,200	3,730	2,750	--	--
Well-AP	01/10/06	1	11,700	4,370	2,120	--	--

Well-AQ	07/08/04	1	<3,260	3,260	1,094	--	--
Well-AQ	07/19/04		217	142	88	0.436	308
Well-AQ	08/09/04		309	152	95	0.57	1,090
Well-AQ	08/23/04		243	147	92	--	--
Well-AQ	09/08/04		273	150	94	--	--
Well-AQ	09/22/04		213	138	86	--	--
Well-AQ	10/26/04		201	144	89	--	--
Well-AQ	11/16/04		218	147	91	--	--
Well-AQ	12/21/04	1	<4,280	4,280	1,300	--	--
Well-AQ	01/27/05		225	135	84	--	--
Well-AQ	02/02/05		<148	148	90	0.448	1,100

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well-AQ	03/14/05		367	145	92	--	--
Well-AQ	04/12/05		247	143	89	--	--
Well-AQ	05/09/05		248	151	94	--	--

Well-AR	07/14/04	1	324,000	3,620	7,980	--	--
Well-AR	07/19/04	1	390,000	2,870	8,700	--	--
Well-AR	08/09/04	1	464,000	4,850	9,620	6.00	75
Well-AR	08/23/04	1	496,000	3,670	10,000	--	--
Well-AR	09/13/04	1	551,000	4,560	10,500	7.10	65
Well-AR	09/30/04	1	582,000	5,780	10,800	--	--
Well-AR	10/26/04	1	589,000	3,030	11,000	--	--
Well-AR	12/28/04	1	423,000	4,060	9,050	--	--
Well-AR	01/27/05	1	336,000	2,470	8,140	--	--
Well-AR	02/22/05	1	334,000	3,550	8,220	--	--
Well-AR	03/14/05	1	204,000	4,320	6,510	--	--
Well-AR	04/12/05	1	233,000	4,220	7,010	--	--
Well-AR	05/10/05	1	215,000	3,620	6,420	--	--
Well-AR	06/21/05	1	227,000	3,750	6,670	--	--
Well-AR	07/19/05	1	201,000	2,820	6,310	--	--
Well-AR	08/16/05	1	214,000	3,905	6,592	--	--
Well-AR	09/19/05	1	180,000	4,563	6,272	--	--
Well-AR	10/10/05	1	140,000	3,790	5,540	--	--
Well-AR	11/02/05	1	199,000	3,030	6,560	--	--
Well-AR	12/08/05	1	165,000	3,730	6,090	--	--
Well-AR	01/10/06	1	169,000	4,370	6,250	--	--

Well-AS	07/08/04	1	377,000	3,620	2,920	--	--
Well-AS	07/19/04	1	27,600	2,870	2,460	--	--
Well-AS	08/09/04	1	7,510	4,850	1,920	--	--
Well-AS	08/23/04	1	41,300	3,030	2,990	--	--
Well-AS	09/13/04		20,456	145	259	0.727	199
Well-AS	09/29/04		18,171	146	248	--	--

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well-AS	10/11/04		9,899	156	200	--	--
Well-AS	11/16/04	1	14,400	3,910	2,090	--	--
Well-AS	12/21/04	1	15,200	3,910	2,070	--	--
Well-AS	01/27/05		14,000	143	224	0.459	186
Well-AS	03/02/05	1	23,400	3,670	2,430	--	--
Well-AS	03/07/05	1	40,100	3,490	3,020	--	--
Well-AS	03/14/05	1	12,600	4,320	2,080	--	--
Well-AS	03/23/05	1	72,400	3,790	4,050	--	--
Well-AS	03/28/05	1	67,600	6,280	4,180	--	--
Well-AS	04/18/05	1	75,700	4,420	4,140	--	--
Well-AS	05/18/05	1	59,200	3,490	3,520	--	--
Well-AS	06/22/05	1	64,900	3,750	3,730	--	--
Well-AS	07/19/05	1	60,500	2,820	3,530	--	--
Well-AS	08/15/05	1	49,100	3,905	3,334	--	--
Well-AS	10/17/05	1	35,300	3,790	3,010	--	--
Well-AS	11/15/05	1	66,500	3,430	3,910	--	--
Well-AS	12/12/05	1	61,400	4,370	3,870	--	--
Well-AS	01/24/06	1	72,100	3,550	4,150	--	--

Well-AT	07/02/04	1	30,600	3,490	2,650	--	--
Well-AT	07/08/04		4,288	142	139	0.275	309
Well-AT	07/12/04	1	32,700	3,620	2,750	--	--
Well-AT	07/22/04	1	21,600	2,870	2,200	--	--
Well-AT	08/03/04	1	28,700	3,320	2,580	--	--
Well-AT	08/11/04	1	23,300	3,030	2,320	--	--
Well-AT	08/12/04	1	30,900	3,030	2,620	--	--
Well-AT	08/13/04	1	20,700	3,030	2,220	--	--
Well-AT	08/21/04	1	26,700	3,030	2,460	--	--
Well-AT	08/31/04		17,124	157	250	--	--
Well-AT	12/28/04	1	<4,060	4,060	1,260	--	--
Well-AT	01/19/05		1,991	159	124	0.286	163
Well-AT	03/02/05	1	40,200	3,670	3,030	--	--

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

Table 02. Groundwater Analytical Results, PSEG Nuclear, LLC, Salem Generating Station.

Well Identification	Sample Date	Note	Tritium			Major Cations and Anions	
			Result (pCi/L)	LLD	Deviation	Boron(mg/L)	Sodium(mg/L)
Well-AT	03/07/05	1	21,200	3,490	2,330	--	--
Well-AT	03/14/05	1	58,400	4,320	3,660	--	--
Well-AT	03/23/05		10,039	150	195	--	--
Well-AT	03/28/05		7,973	148	176	--	--
Well-AT	04/18/05		4,974	151	153	0.267	396
Well-AT	05/18/05		3,451	151	136	--	--
Well-AT	06/22/05		1,777	145	112	--	--
Well-AT	07/19/05		1,687	146	112	--	--
Well-AT	08/15/05		1,578	150	112	--	--
Well-AT	10/17/05		2,224	157	124	--	--
Well-AT	11/15/05		1,451	151	112	--	--
Well-AT	12/12/05		1,722	153	116	--	--
Well-AT	01/24/06	1	<3,550	3,550	NA	--	--

Notes:

LLD Lower Limit of Detection

mg/L Milligrams per liter

pCi/L Picocuries per liter

1 Reported analytical results are from Salem Chemistry.

< Constituent was not detected above the indicated laboratory detection limit.

762 Constituent was detected above the laboratory method detection limit.

20,000 Constituent was detected above its New Jersey Groundwater Quality Criteria.

NA Not Available - Deviation and/or LLD were not reported.

-- Constituent not analyzed.

ARCADIS

Table 03. Well Construction Details, PSEG Nuclear, LLC, Salem Generating Station, Hancock's Bridge, New Jersey.

Well ID	Installation Date	Purpose	Construction Details	Diameter (inches)	Total Depth (feet bgs)	Monitoring Interval (feet bgs)	Monitored Hydrogeologic Unit	MP Elevation (feet RPD)	MP Elevation (feet amsl)	Date Pump Replaced	Pump Setting Depth (ft) (feet brp)
Well N	Jan-03	Monitoring	Sch-40 PVC	2	20.0	10.0 - 20.0	Cofferdam ²	101.65	11.73	12/28/05	15
Well O	Jan-03	Monitoring	Sch-40 PVC	2	20.0	10.0 - 20.0	Cofferdam ²	101.33	11.41	12/27/05	15
Well W ⁴	Jun-03	Monitoring	Sch-40 PVC	2	35.0	25.0 - 35.0	Shallow ³	98.26	8.34	12/27/05	30
Well Y	Sep-03	Monitoring	Sch-40 PVC	2	37.0	27.0 - 35.0	Shallow ³	101.81	11.89	12/28/05	30
Well Z	Sep-03	Monitoring	Sch-40 PVC	2	37.5	27.5 - 37.5	Shallow ³	101.86	11.94	12/28/05	30
Well AA ⁴	Sep-03	Monitoring	Sch-40 PVC	2	36.0	26.0 - 36.0	Shallow ³	99.07	9.15	12/27/05	30

Notes:

- MP Measuring Point
- bgs Below ground surface
- RPD Relative to plant datum
- amsl Relative to mean sea level (NAVD 1988)
- 1 Monitoring well is screened in the Vincentown Formation.
- 2 Monitoring well is screened in the shallow, water-bearing unit at a location within the limits of the cofferdam.
- 3 Monitoring well is screened in the shallow, water-bearing unit at a location outside the limits of the cofferdam.
- 4 The surface completions of Monitoring Wells S, U, V, W, AA, AB, AC, and AD were converted from above-grade to flush-grade in February 2004.

ARCADIS

Table 03. Well Construction Details, PSEG Nuclear, LLC, Salem Generating Station, Hancock's Bridge, New Jersey.

Well ID	Installation Date	Purpose	Construction Details	Diameter (inches)	Total Depth (feet bgs)	Monitoring Interval (feet bgs)	Monitored Hydrogeologic Unit	MP Elevation (feet RPD)	MP Elevation (feet amsl)	Date Pump Replaced	Pump Setting Depth (ft) (feet brp)
Well AE	Oct-03	Monitoring	Sch-40 PVC	2	37.5	27.5 - 37.5	Cofferdam ²	101.54	11.62	12/27/05	25
Well AF	Oct-03	Monitoring	Sch-40 PVC	2	45.0	35.0 - 45.0	Shallow ³	101.61	11.69	12/28/05	40
Well AI	Jan-04	Extraction	Sch-40 PVC	4	22.0	12.0 - 22.0	Cofferdam ²	98.79	8.87	12/28/05	15
Well AM	Jan-04	Monitoring	Sch-40 PVC	4	20.9	10.9 - 20.9	Cofferdam ²	98.55	8.63	12/28/05	15
Well AP	Jun-04	Monitoring	Sch-40 PVC	4	40.0	15.0 - 40.0	Shallow ³	98.65	8.73	12/27/05	30
Well AR	Jun-04	Monitoring	Sch-40 PVC	4	43.0	18.0 - 43.0	Shallow ³	99.22	9.30	12/27/05	30

Notes:

- MP Measuring Point
- bgs Below ground surface
- brp below reference point
- RPD Relative to plant datum
- amsl Relative to mean sea level (NAVD 1988)
- 1 Monitoring well is screened in the Vincentown Formation.
- 2 Monitoring well is screened in the shallow, water-bearing unit at a location within the limits of the cofferdam.
- 3 Monitoring well is screened in the shallow, water-bearing unit at a location outside the limits of the cofferdam.
- 4 The surface completions of Monitoring Wells S, U, V, W, AA, AB, AC, and AD were converted from above-grade to flush-grade in February 2004.

ARCADIS

Table 04: Groundwater Extraction System Operational Data
and Tritium Analytical Results, PSEG Nuclear, LLC, Salem Generating Station

Sample Number	Release End Date	Volume Discharged	Tritium Results (pCi/L)
1	2/22/2005	137,810	36,200
2	3/1/2005	84,566	109,000
3	3/8/2005	2,687	66,500
4	3/10/2005	459	30,300
5	3/17/2005	178,372	53,900
6	3/24/2005	173,513	65,800
7	3/31/2005	143,437	72,800
8	4/7/2005	140,279	58,300
9	4/15/2005	270,445	65,300
10	4/20/2005	63,835	63,500
11	4/28/2005	99,244	61,900
12	4/28/2005	10,178	62,200
13	5/5/2005	27,366	60,100
14	5/12/2005	32,950	70,300
15	5/19/2005	23,013	59,900
16	5/26/2005	56,727	64,400
17	6/2/2005	40,437	54,400
18	6/9/2005	66,012	52,600
19	6/16/2005	80,460	60,400
20	6/24/2005	38,457	63,800
21	6/30/2005	113,247	51,500
22	7/7/2005	126,530	49,200
23	7/14/2005	101,080	42,500
24	7/21/2005	80,699	39,900
25	7/28/2005	129,721	65,200
26	8/4/2005	130,851	62,000
27	8/11/2005	116,177	57,200
28	8/18/2005	128,290	49,200
29	8/25/2005	127,158	51,400
30	9/22/2005	6,999	14,400
31	11/3/2005	111,699	33,600
32	11/10/2005	355,417	27,900
33	11/24/2005	310,171	30,600
34	12/8/2005	246,336	28,800
35	12/15/2005	244,370	31,700
36	12/22/2005	268,454	30,300
37	12/29/2005	249,559	26,700

Notes:

Pilot-Study Cycle 1 was initiated on April 26, 2004.

ARCADIS

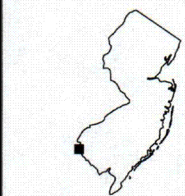
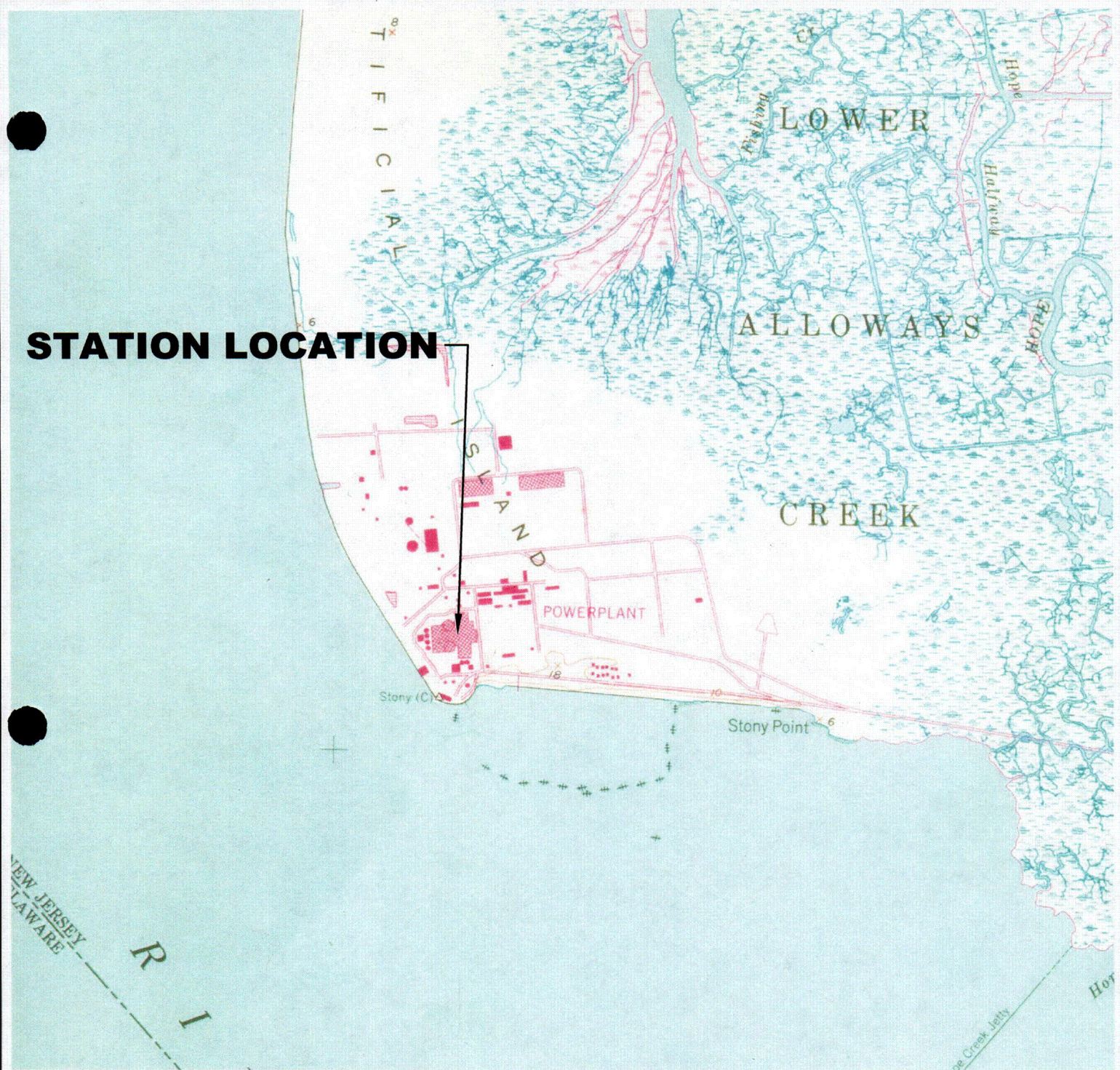
Table 05. Seismic Gap Drain Tritium Analytical Results, PSEG Nuclear, LLC, Salem Generating Station

Gallons Recovered	Date of Operation	Tritium Results (pCi/L)
300	October 5, 2004	2,590,000
365	October 13, 2004	74,600,000
500	October 21, 2004	75,600,000
560	October 27, 2004	1,920,000
550	November 3, 2004	66,300,000
500	November 8, 2004	103,000,000
500	November 15, 2004	61,900,000
550	November 23, 2004	46,800,000
475	December 1, 2004	40,400,000
600	December 8, 2004	63,400,000
200	December 14, 2004	44,800,000
500	December 21, 2004	89,900,000
300	January 4, 2005	13,600,000
600	January 11, 2005	40,900,000
1000	January 19, 2005	17,700,000
500	January 24, 2005	57,900,000
525	February 2, 2005	46,700,000
500	February 9, 2005	53,800,000
500	February 25, 2005	26,800,000
500	February 28, 2005	59,400,000
500	March 9, 2005	31,800,000
500	March 18, 2005	44,200,000
500	April 1, 2005	39,300,000
475	April 13, 2005	34,600,000 ¹
500	April 21, 2005	29,900,000
500	May 11, 2005	25,600,000
450	May 19, 2005	33,400,000
600	May 25, 2005	37,400,000
475	June 9, 2005	35,800,000
550	July 8, 2005	31,800,000
500	July 15, 2005	47,900,000
500	September 4, 2005	32,600,000
500	September 28, 2005	50,300,000
500	November 27, 2005	29,700,000
500	December 26, 2005	27,800,000

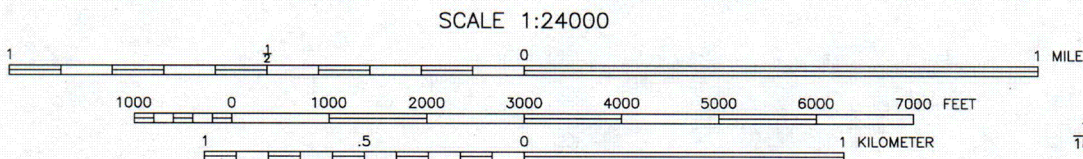
Notes:

¹ concentration estimated based upon results of prior and following events

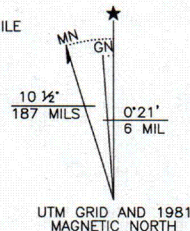
STATION LOCATION



QUADRANGLE LOCATION



CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929



SOURCE: USGS 7.5 MIN. TOPOGRAPHICAL QUADRANGLE TAYLORS BRIDGE, DEL-N.J. 1948, PHOTOREVISED 1981.

copyright ©		DRAWN M. WASILEWSKI	DATE 1/9/06	PROJECT MANAGER P. MILONIS	DEPARTMENT MANAGER D. FULTON
		STATION LOCATION		LEAD DESIGN PROF. S. POTTER	CHECKED B. PIERCE
		PSEG NUCLEAR, LLC SALEM GENERATING STATION ARTIFICIAL ISLAND HANCOCK'S BRIDGE, NEW JERSEY		PROJECT NUMBER NP000571.0005	DRAWING NUMBER 1

**THIS PAGE IS AN
OVERSIZED DRAWING OR
FIGURE,
THAT CAN BE VIEWED AT THE
RECORD TITLED:**

**“PSEG NUCLEAR, LLC
SALEM GENERATING STATION,
STATION LAYOUT
DRAWING NO. 2”**

**WITHIN THIS PACKAGE... OR,
BY SEARCHING USING THE
DOCUMENT/REPORT**

D-01

**THIS PAGE IS AN
OVERSIZED DRAWING OR
FIGURE,
THAT CAN BE VIEWED AT THE
RECORD TITLED:**

**“PSEG NUCLEAR, LLC
SALEM GENERATING STATION,
GROUNDWATER TRITIUM RESULTS
DRAWING NO. 3”**

**WITHIN THIS PACKAGE... OR,
BY SEARCHING USING THE
DOCUMENT/REPORT**

D-02

**THIS PAGE IS AN
OVERSIZED DRAWING OR
FIGURE,
THAT CAN BE VIEWED AT THE
RECORD TITLED:**

**“PSEG NUCLEAR, LLC
SALEM GENERATING STATION,
WATER TABLE ELEVATION
CONTOURS PRIOR TO SYSTEM
START-UP DRAWING NO. 5”**

**WITHIN THIS PACKAGE... OR,
BY SEARCHING USING THE
DOCUMENT/REPORT**

D-03

G:\PROJECT\PS&G\ - Tritium\NP000571.0005 - Continued Reporting and Recovery\CADD\RAPP\RAPR 5\FIG-04 - TRITIUM TRENDS - FOR SELECT WELLS.DWG 3/07/2006 - 11:31:13 AM Layout: ANCI-C



PLAN
SCALE: 1"=40'

LEGEND:

WELL R ■ MONITORING WELL SCREENED IN THE SHALLOW, WATER-BEARING UNIT WITHIN THE LIMITS OF THE COFFERDAM, 20 FEET DEEP— TYPICAL (WELLS M, N, O, R, AC, AE, AI AND AM).

WELL S ○ MONITORING WELL SCREENED IN THE SHALLOW, WATER-BEARING UNIT OUTSIDE THE LIMITS OF THE COFFERDAM, 35 FEET DEEP— TYPICAL (WELLS S, T, U, W, Y, Z, AA, AB, AD, AF, AG(SHALLOW & DEEP, AH(SHALLOW & DEEP), AJ AND AL).

WELL L ⊙ MONITORING WELL SCREENED IN THE VINCENTOWN FORMATION, 80 FEET DEEP— TYPICAL (WELLS K, L, P, Q AND V).

3.19 GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL - NAVD 1988)

-1.00 GROUNDWATER ELEVATION CONTOUR (0.5 FOOT INTERVAL)

← GROUNDWATER FLOW DIRECTION

LIMIT OF GROUNDWATER WITH TRITIUM ABOVE 100,000 pCi/L

LIMIT OF GROUNDWATER WITH TRITIUM ABOVE THE NEW JERSEY GROUNDWATER QUALITY CRITERION (20,000 pCi/L)

--- PROPERTY BOUNDARY
--- BLOW DOWN PIPING
--- LIQUID "RAD" WASTE LINE
--- SERVICE WATER PIPING

--- CIRCULATING WATER OUTLET PIPING
--- CIRCULATING WATER INLET PIPING
--- STORM SEWER PIPING

□ CATCH BASIN
⊙ MANHOLE (STORM SEWER)

--- SHEET PILE - EXTENDS FROM ABOVE THE WATER TABLE THROUGH THE KIRKWOOD FORMATION
--- SHEET PILE - DOES NOT EXTEND TO AN ELEVATION ABOVE THE WATER TABLE.

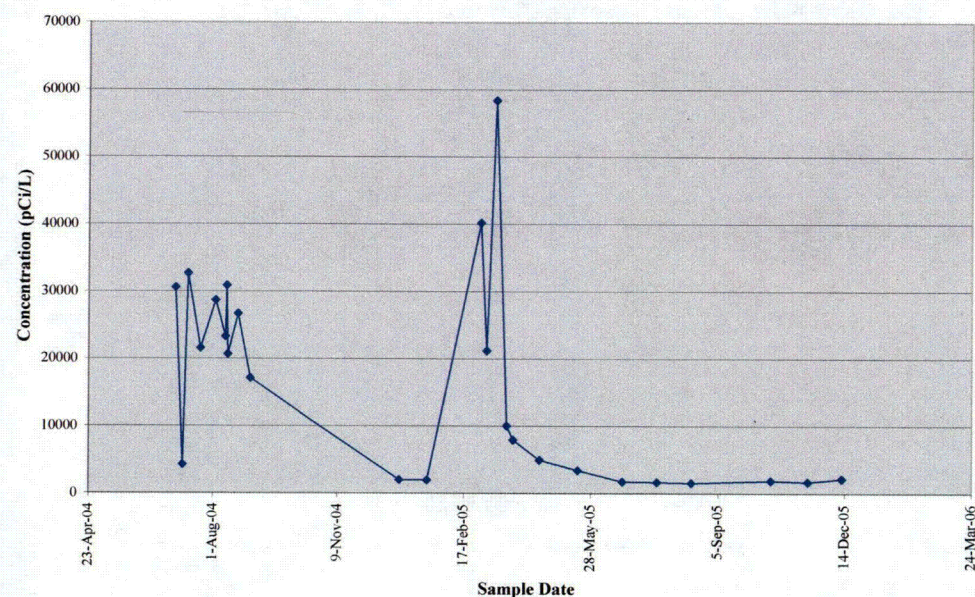
AFST AUXILIARY FEEDWATER STORAGE TANK
PWST PRIMARY WATER STORAGE TANK
RWST REFUELING WATER STORAGE TANK

NOTE:

1. THE MEAN TIDE LEVEL OF THE DELAWARE RIVER AT ARTIFICIAL ISLAND IS 0.11 FT (NAVD 1988)
2. CONTOUR INTERVAL FOR WATER LEVELS LESS THAN -0.5 FEET MSL IS LOGARITHMIC.

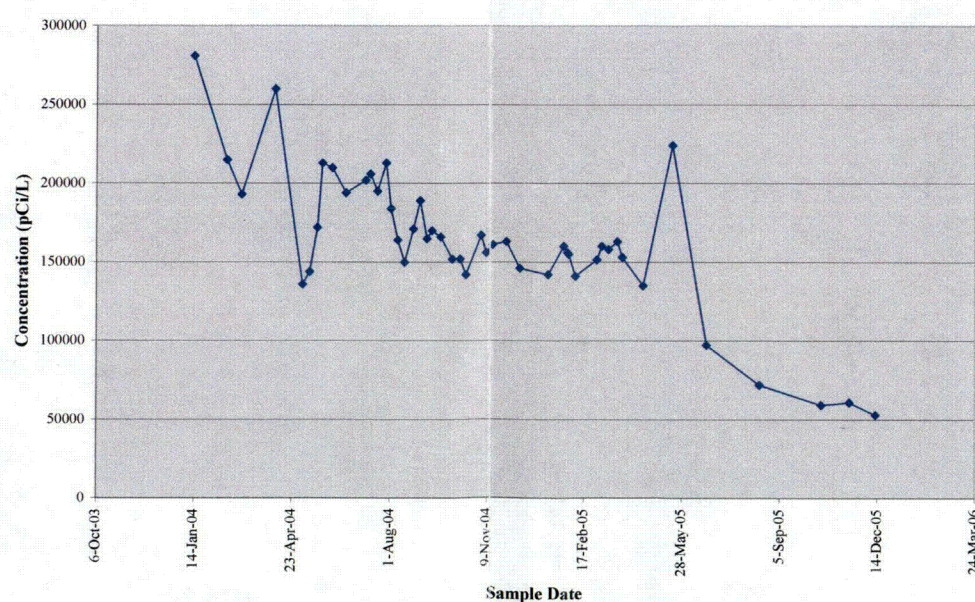
* ESTIMATED BASED ON HISTORICAL DATA

Historic Tritium Analytical Results for Well-AT

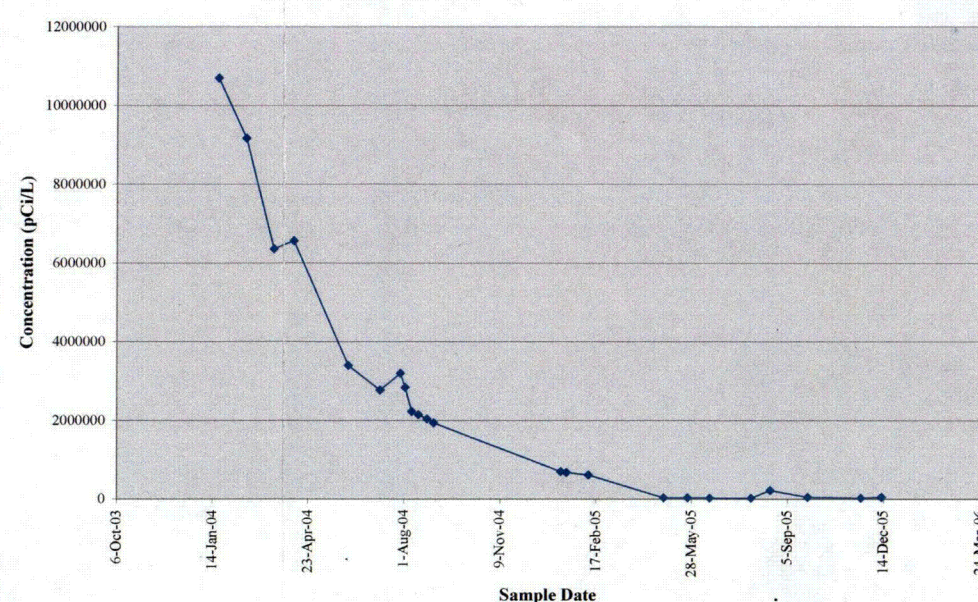


● INDICATES TRITIUM CONCENTRATION IS BELOW THE LABORATORY DETECTION LIMIT

Historic Tritium Analytical Results for Well-AB



Historic Tritium Analytical Results for Well-AC



ARCADIS

6 Terry Drive
Suite 300, Newtown, Pa 18940
Tel: 267/685-1800 Fax: 267/685-1801



PSEG NUCLEAR, LLC
SALEM GENERATING STATION
ARTIFICIAL ISLAND
HANCOCK'S BRIDGE, NEW JERSEY

DRAWN
M. WASILEWSKI

DATE
1/9/06

PROJECT MANAGER
P. MILIONIS

DEPARTMENT MANAGER
M. BEDARD

LEAD DESIGN PROF.
S. POTTER

CHECKED
C. SHARPE

HISTORIC TRITIUM ANALYTICAL
TRENDS FOR SELECT WELLS

PROJECT NUMBER
NP000571.0005

DRAWING NUMBER
4

NO.	DATE	REVISION DESCRIPTION	BY
			CKD

**THIS PAGE IS AN
OVERSIZED DRAWING OR
FIGURE,
THAT CAN BE VIEWED AT THE
RECORD TITLED:**

**“PSEG NUCLEAR, LLC
SALEM GENERATING STATION,
WATER TABLE ELEVATION
CONTOURS DURING OPERATION OF
THE PERMANENT SYSTEM DRAWING
NO. 6”**

**WITHIN THIS PACKAGE... OR,
BY SEARCHING USING THE
DOCUMENT/REPORT**

D-04

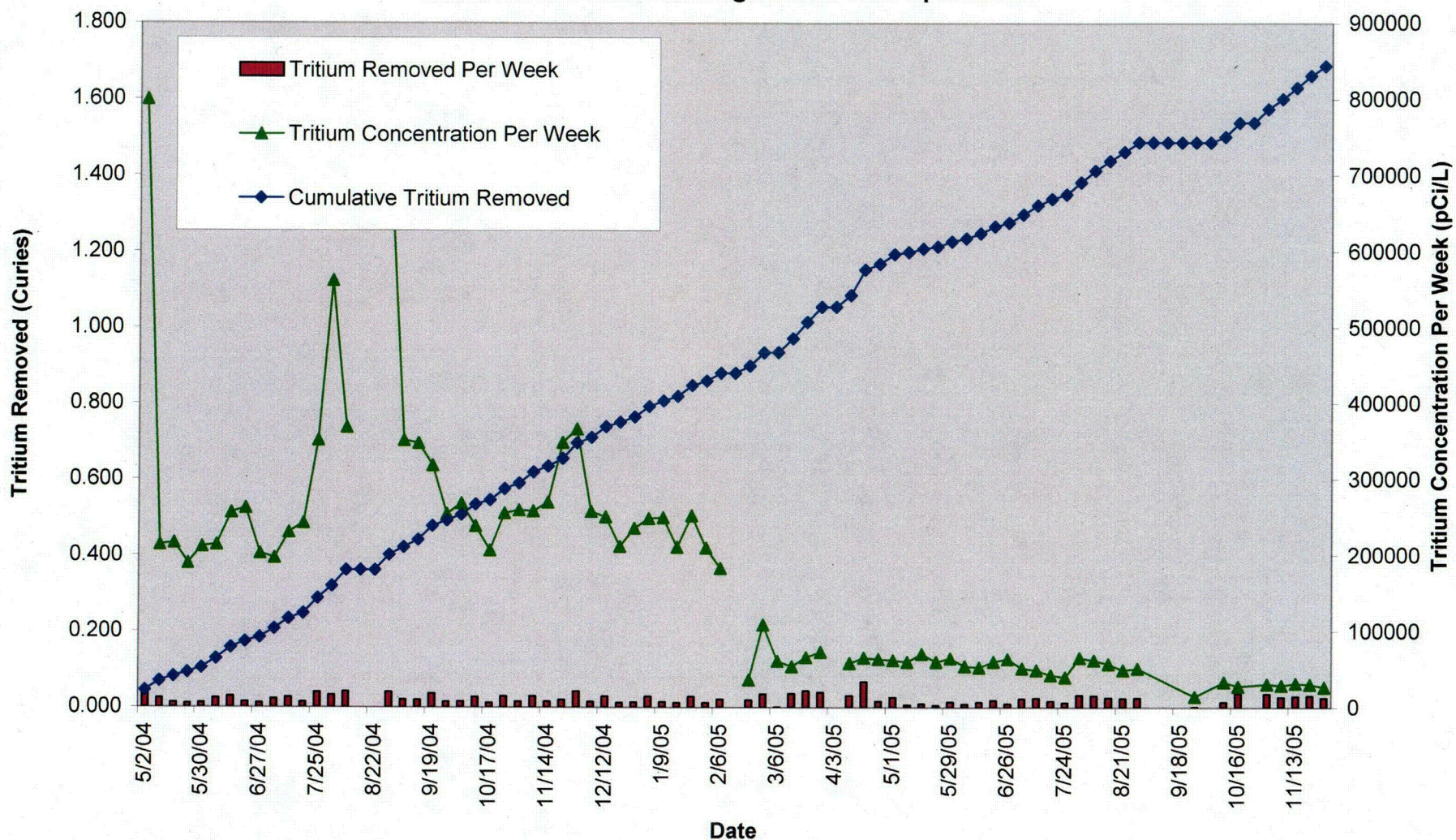
**THIS PAGE IS AN
OVERSIZED DRAWING OR
FIGURE,
THAT CAN BE VIEWED AT THE
RECORD TITLED:**

**“PSEG NUCLEAR, LLC
SALEM GENERATING STATION,
WATER TABLE ELEVATION
CONTOURS DURING OPERATION OF
THE PERMANENT SYSTEM
DRAWING NO. 7”**

**WITHIN THIS PACKAGE... OR,
BY SEARCHING USING THE
DOCUMENT/REPORT**

D-05

PSEG Nuclear, LLC Salem Generating Station - Unit 1 Tritium Recovered Through Well Field Operation



copyright © 20 06

ARCADIS



PSEG NUCLEAR, LLC
SALEM GENERATING STATION
ARTIFICIAL ISLAND
HANCOCK'S BRIDGE, NEW JERSEY

DRAWN
M. WASILEWSKI

DATE
1/9/06

PROJECT MANAGER
P. MILONIS

DEPARTMENT MANAGER
M. BEDARD

HISTORIC TRITIUM RECOVERED
THROUGH WELL FIELD
OPERATION

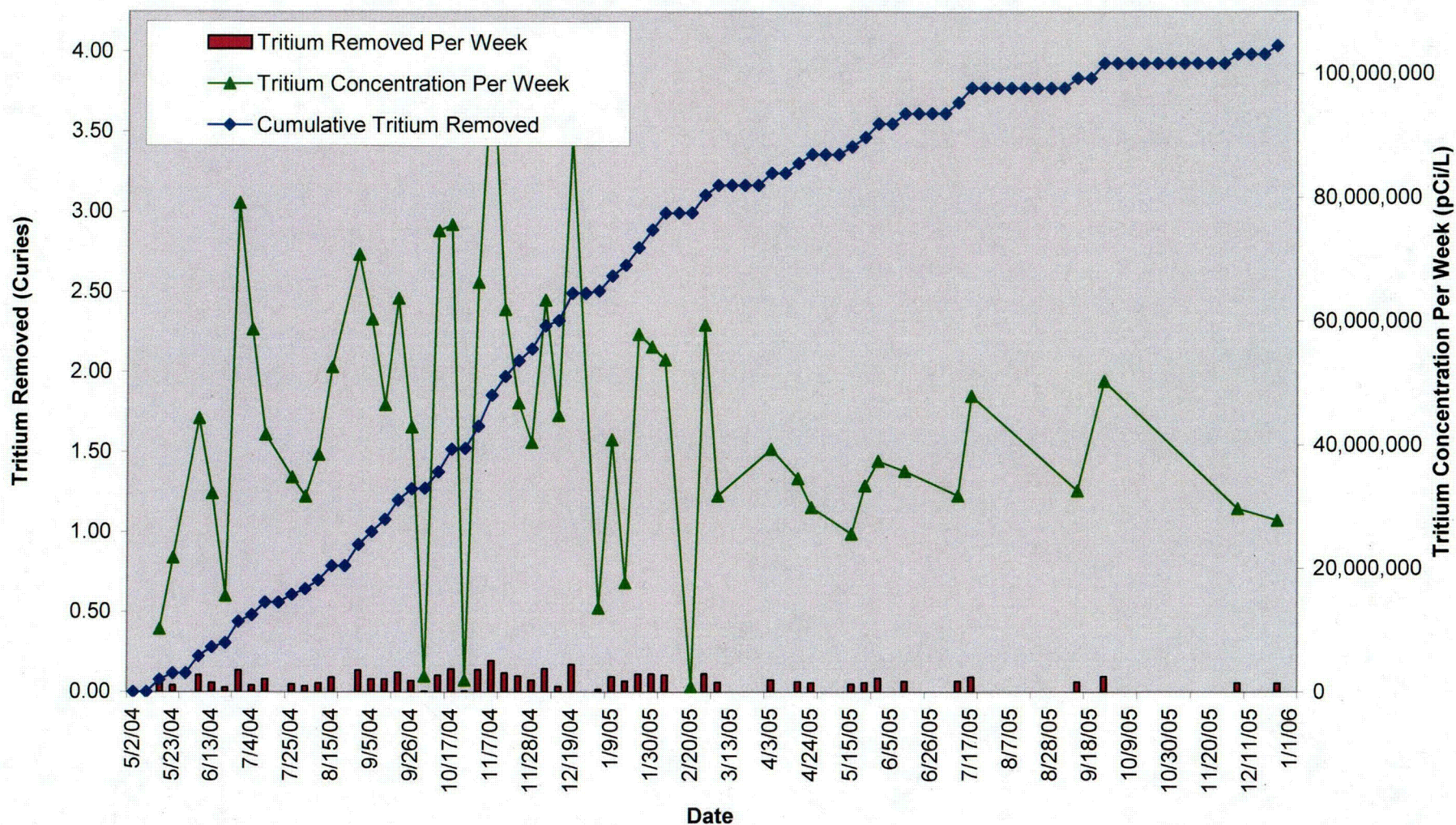
LEAD DESIGN PROF.
S. POTTER

CHECKED
B. PIERCE

PROJECT NUMBER
NP000571.0005

DRAWING NUMBER
8

PSEG Nuclear, LLC Salem Generating Station - Unit 1 Tritium Recovered Through Seismic Gap Drain Operation



ARCADIS



PSEG NUCLEAR, LLC
SALEM GENERATING STATION
ARTIFICIAL ISLAND
HANCOCK'S BRIDGE, NEW JERSEY

DRAWN
M. WASILEWSKI

DATE
1/9/06

PROJECT MANAGER
P. MILONIS

DEPARTMENT MANAGER
M. BEDARD

HISTORIC TRITIUM RECOVERED
THROUGH SEISMIC GAP DRAIN
OPERATION

LEAD DESIGN PROF.
S. POTTER

CHECKED
B. PIERCE

PROJECT NUMBER
NP000571.0005

DRAWING NUMBER
9

LAST WEEK OF MONTH IS NOT SCHEDULED, IT IS FOR CONTINGENCIES, IN CASE SAMPLING IS DELAYED EARLY IN MONTH

100

QUARTERLY- January, April, July & October

C05