

Enclosure 1

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<b>AR Number: 00939717</b>					
<b>Aff Fac:</b>	Peach Bottom	<b>AR Type:</b>	CR	<b>Status:</b>	APPROVED
<b>Aff Unit:</b>	NA	<b>Owed To:</b>	A5432CAP	<b>Due Date:</b>	08/07/2009
<b>Aff System:</b>	--			<b>Event Date:</b>	07/08/2009
<b>CR Level/Class:</b>	4/D			<b>Disc Date:</b>	07/08/2009
<b>How Discovered:</b>	H02			<b>Orig Date:</b>	07/08/2009

**Action Request Details**

**Subject:** ELEVATED TRITIUM IDENTIFIED IN NEW SAMPLE POINT

**Description:** Originator: (b)(6) Supv Contacted: (b)(6)

**Condition Description:**  
On 7/8/09 at 0730, we completed the analysis on Geo-probe ground water sample point #4 and the result was 22,100 pCi/L. This sample point is located 50 feet from the plant entrance on the north east side of the unit 3 turbine building. If a value is confirmed above 20,000 pCi/L in a groundwater sample, a report will be required to the NRC and to the PaBRP in accordance with procedure CY-PB-170-4160 and LS-AA-1120.

On Monday 7/6/09, as part of a troubleshooting plan to identify the source of increased tritium in PB-MW-004 groundwater monitoring well, a project was initiated to sample 10 new areas north east of the unit 3 turbine building. The first sample taken was geo-probe point number 4 and the analysis was completed on 7/8/09 at 0730. The sample result for geo-probe sample point number 4 is 22,100 pCi/L. Geo-probe samples 1,2,3,5 and 6 have been sampled, and analysis is in progress.

A new Geo-probe sample is being obtained from sample point #4, and this sample is the confirmatory sample needed prior to making a reportability call for the tritium greater than 20,000 pCi/L.

The peach bottom tritium HIT team has met to review the issue, and the following are the current HIT team recommendations.

A new sample is being obtained as a confirmatory sample for geo-probe sample point number 4.

The balance of samples from the geo-probe points are being analyzed.

Geo-probe samples #7,8,9, and 10 will continue after sample point #4 is resampled.

New locations for geo-probe wells that are closer to the unit 3 CST are being evaluated. The HIT team is focused on this area as a possible source of the groundwater tritium.

Insulation will need to be removed from the piping associated with the unit 3 CST and the TDT. This is a previous recommendation from the HIT team that needs to be given a higher priority.

Information in this record was deleted in accordance with the Freedom of Information Act. Exemptions: FOIA/PA 2010-0209

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Based on the sample results obtained from the geo-probe wells additional recommendations will be provided by the HIT team.

**Immediate actions taken:**

As listed in the condition statement

**Recommended Actions:**

As listed in the condition statement. The HIT team had already developed contingency plans in the event that one or more of the Geo-probe wells were above 20,000 pCi/L.

**Operable Basis:**

Does not violate ODCM 3.8.E.1 due to not being elevated in **DRINKING** water samples at the current time. No TS or TRM implications. IV by (b)(6)

**Reportable Basis:**

This is currently not reportable, but if confirmatory samples verify high tritium levels, this will be reportable IAW LS-AA-1120 RAD 1.34 (Industry Groundwater Protection Initiative Voluntary Communication) objective 2.2 and 2.3. Informal communication to state/local/NRC as soon as practicable but no later than the end of the next business day. Submit a written report to the NRC within 30 days. (Pending confirmation)

Reviewed by: (b)(6) 07/08/2009 17:46:00 CDT

**Reviewer Comments:**

This is a PWL item. Priority 3 Category 24 (potential for unplanned low level radioactive water released to the environment). This is not a operational risk system.

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<b>Assign #: 01</b>		<b>AR #: 00939717</b>	
<b>Aff Fac:</b> Peach Bottom	<b>Assign Type:</b> TRKG	<b>Status:</b> AWAIT/C	
<b>Priority:</b>	<b>Assigned To:</b>	<b>Due Date:</b> 07/13/2009	
<b>Schedule Ref:</b>	<b>Prim Grp:</b> ACAPALL	<b>Orig Due Date:</b> μμ/μμ/μμμμ	
<b>Unit Condition:</b>	<b>Sec Grp:</b>		
<b>Assignment Details</b>			
<b>Subject/Description:</b> ELEVATED TRITIUM IDENTIFIED IN NEW SAMPLE POINT			
<b>Assignment Completion</b>			
<b>In Progress Notes:</b>			
<b>Completion Notes:</b>			

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<b>PIMS AR Number: A1718412</b>			
<b>Facility:</b>	Peach Bottom	<b>AR Type:</b>	CM
<b>Priority:</b>	3	<b>Ctd:</b>	I
<b>Task Type:</b>	CM	<b>Sched Code:</b>	0928
<b>Assigned Org:</b>	PSCP	<b>Assigned Ind:</b>	PSCP
<b>Component</b>			
<b>Component Unit:</b>	2	<b>Component System:</b>	94
<b>Component Category:</b>	F	<b>Component Type:</b>	MISC
<b>Component Number:</b>	SYSTEM-94	<b>Component Name:</b>	GENERIC SYSTEM,** ID USED TO PERFORM SYSTEM MAINTENANCE ACTIVITY
<b>PIMS AR Details</b>			
<b>Title:</b>	ELEVATED TRITIUM IDENTIFIED IN NEW SAMPLE POINT		
<b>Description:</b>	<p>ORIGINATOR: (b)(6) SUPV CONTACTED: (b)(6) CONDITION DESCRIPTION: ON 7/8/09 AT 0730, WE COMPLETED THE ANALYSIS ON GEO-PROBE GROUND WATER SAMPLE POINT #4 AND THE RESULT WAS 22,100 PCI/L. THIS SAMPLE POINT IS LOCATED 50 FEET FROM THE PLANT ENTRANCE ON THE NORTH EAST SIDE OF THE UNIT 3 TURBINE BUILDING. IF A VALUE IS CONFIRMED ABOVE 20,000 PCI/L IN A GROUNDWATER SAMPLE, A REPORT WILL BE REQUIRED TO THE NRC AND TO THE PABRP IN ACCORDANCE WITH PROCEDURE CY-PB-170-4160 AND LS-AA-1120. ON MONDAY 7/6/09, AS PART OF A TROUBLESHOOTING PLAN TO IDENTIFY THE SOURCE OF INCREASED TRITIUM IN PB-MW-004 GROUNDWATER MONITORING WELL, A PROJECT WAS INITIATED TO SAMPLE 10 NEW AREAS NORTH EAST OF THE UNIT 3 TURBINE BUILDING. THE FIRST SAMPLE TAKEN WAS GEO-PROBE POINT NUMBER 4 AND THE ANALYSIS WAS COMPLETED ON 7/8/09 AT 0730. THE SAMPLE RESULT FOR GEO-PROBE SAMPLE POINT NUMBER 4 IS 22,100 PCI/L. GEO-PROBE SAMPLES 1,2,3,5 AND 6 HAVE BEEN SAMPLED, AND ANALYSIS IS IN PROGRESS. A NEW GEO-PROBE SAMPLE IS BEING OBTAINED FROM SAMPLE POINT #4, AND THIS SAMPLE IS THE CONFIRMATORY SAMPLE NEEDED PRIOR TO MAKING A REPORTABILITY CALL FOR THE TRITIUM GREATER THEN 20,000 PCI/L. THE PEACH BOTTOM TRITIUM HIT TEAM HAS MET TO REVIEW THE ISSUE, AND THE FOLLOWING ARE THE CURRENT HIT TEAM RECOMMENDATIONS. A NEW SAMPLE IS BEING OBTAINED AS A CONFIRMATORY SAMPLE FOR GEO-PROBE SAMPLE POINT NUMBER 4. THE BALANCE OF SAMPLES FROM THE GEO-PROBE POINTS ARE BEING ANALYZED. GEO-PROBLE SAMPLES #7,8,9, AND 10 WILL CONTINUE AFTER SAMPLE POINT #4 IS RESAMPLED. NEW LOCATIONS FOR GEO-PROBE WELLS THAT ARE CLOSER TO THE UNIT 3 CST ARE BEING EVALUATED. THE HIT TEAM IS FOCUSED ON THIS AREA AS A POSSIBLE SOURCE OF THE GROUNDWATER TRITIUM. INSULATION WILL NEED TO BE REMOVED FROM THE PIPING ASSOCIATED WITH THE UNIT 3 CST AND THE TDT. THIS IS A PREVIOUS RECOMMENDATION FROM THE HIT TEAM THAT NEEDS TO BE GIVEN A HIGHER PRIORITY. BASED ON THE SAMPLE RESULTS OBTAINED FROM THE GEO-PROBE WELLS ADDITIONAL RECOMMENDATIONS WILL BE PROVIDED BY THE HIT TEAM. . . IMMEDIATE ACTIONS TAKEN: AS LISTED IN THE CONDITION STATEMENT . RECOMMENDED ACTIONS: AS LISTED IN THE CONDITION STATEMENT. THE HIT TEAM HAD ALREADY DEVELOPED CONTINGCY PLANS IN THE EVENT THAT ONE OR MORE OF THE GEO-PROBE WELLS WERE ABOVE 20,000 PCI/L. . OPERABLE BASIS: DOES NOT VIOLATE ODCM 3.8.E.1 DUE TO NOT BEING ELEVATED IN DRINKING WATER SAMPLES AT THE CURRENT TIME. NO TS OR TRM IMPLICATIONS. IV BY (b)(6) . REPORTABLE BASIS: THIS IS CURRENTLY NOT REPORTABLE, BUT IF CONFIRMATORY SAMPLES VERIFY HIGH TRITIUM LEVELS, THIS WILL BE REPORTABLE IAW LS-AA-1120 RAD 1.34 (INDUSTRY GROUNDWATER PROTECTION INITIATIVE VOLUNTARY COMMUNICATION) OBJECTIVE 2.2 AND 2.3. INFORMAL COMMUNICATION TO</p>		

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STATE/LOCAL/NRC AS SOON AS PRACTICABLE BUT NO LATER THAN THE END OF THE NEXT BUSINESS DAY. SUBMIT A WRITTEN REPORT TO THE NRC WITHIN 30 DAYS. (PENDING CONFIRMATION) . REVIEWED BY: (b)(6) 07/08/2009 17:46:00 CDT REVIEWER COMMENTS: THIS IS A PWL ITEM, PRIORITY 3 CATEGORY 24 (POTENTIAL FOR UNPLANNED LOW LEVEL RADIOACTIVE WATER RELEASED TO THE ENVIRONMENT). THIS IS NOT A OPERATIONAL RISK SYSTEM.

**REPORTABLE EVENT RAD 1.34:**

**Industry Groundwater Protection Initiative (GPI) Voluntary Communication**

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**Requirement:** NEI 07-07, "Industry Ground Water Protection Initiative – Final Guidance Document" (August 2007)

**Objective 2.2:** Make informal communication as soon as practicable (no later than the end of the next business day) to appropriate State/Local officials, with follow-up notification to the NRC, as appropriate, regarding significant on-site leaks/spills into ground water and on-site or off-site water sample results exceeding the criteria in the REMP as described in the ODCM ...

**Objective 2.3:** Submit a written 30-day report to the NRC for any water sample result for on-site ground water that is or may be used as a source of drinking water that exceeds any of the criteria in the licensee's existing REMP as described in the ODCM ... for 30-day reporting of off-site water sample results. Copies of the written 30-day reports for both on-site and off-site water samples shall also be provided to the appropriate State/Local officials.

**Objective 2.4:** Document all on-site ground water sample results and a description of any significant on-site leaks/spills into ground water for each calendar year in the Annual Radiological Environmental Operating Report (AREOR) for REMP or the Annual Radioactive Effluent Release Report (ARERR) for the RETS as contained in the appropriate reporting procedure, beginning with the report for calendar year 2006.

NOTE: (Oyster Creek only) Under N.J.A.C 7:1E, radionuclides are listed as a hazardous substance and therefore potentially reportable in any quantity (as identified under ODCM lower levels of detection). Refer to LS-MA-1240, ENV 2.1, "Release of a Hazardous Substance," for the reporting requirements which include a 15 minute notification and a 30-day followup letter.

**Time Required Notification(s):**  
**Limit**

END OF NEXT  
 BUSINESS DAY

Perform voluntary informal communications to State/local offsite agencies (as determined per HR-AA-1001), NEI (GW\_Notice@nei.org) and the ANI for events requiring voluntary communications as determined from the flowchart in Attachment 2. Complete Attachment 1 and provide the information on the completed attachment to the State/local offsite agencies [NEI 07-07, Objective 2.2].

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**REPORTABLE EVENT RAD 1.34 (Cont'd)**

**30 DAYS** Submit a voluntary written 30-day report to the NRC for any GPI water sample result for onsite groundwater that is or may be used as a source of drinking water that exceeds any of the criteria in the licensee's existing REMP as described in the ODCM for 30-day reporting of offsite water sample results. Copies of the written 30-day reports for both onsite and offsite water samples shall also be provided to the appropriate State/Local officials. [NEI 07-07, Objective 2.3].

***Time  
Limit***      ***Required Written Report(s):***

**ANNUAL  
REPORT**      Voluntarily document all onsite groundwater sample results and a description of any significant onsite leaks/spills into groundwater for each calendar year in the Annual Radiological Environmental Operating Report (AREOR) for REMP or the Annual Radioactive Effluent Release Report (ARERR) for the RETS as contained in the appropriate reporting procedure, beginning with the report for calendar year 2006. [NEI 07-07, Objective 2.4].

***Discussion:***

○ **Applicability (Read entire section before determining reportability nature of the event)**

The voluntary communications under this reportable event are applicable to elevated groundwater radionuclide concentrations or leaks / spills from station sources containing licensed material that meet the criteria in NEI 07-07, and are any of the following:

- Newly occurring, event-related releases of licensed material.
- Newly identified elevated radionuclide concentrations detected in groundwater samples above expected baseline levels for releases that have not been previously reported.
- Condensation from steam releases to the air that reach the ground. Only the radionuclides in the condensation need to be considered.
- Reportings of "unpermitted releases of radionuclides" as defined in 415 ILCS 5/13.6(c) from Illinois nuclear power plants per LS-MW-1320, Reportable Event RAD 3.4.

This reportable event is **NOT** applicable for any of the following:

- Releases from station sources containing licensed material exclusively to the air.
- Newly identified elevated radionuclide concentrations in groundwater monitoring wells or remediation wells installed for previously reported releases of licensed material.

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- Newly identified elevated radionuclide concentrations in monitoring wells attributable to changes in baseline levels not tied to station operations.
- Routine batch or continuous liquid or gaseous releases conducted in accordance with Station procedures.
- Releases of radioactive materials attributed solely to recapture (See NRC RIS 2008-03).
- Releases contained wholly inside a plant building, containment unit or an outside structure with a non-permeable surface.
- A spill or leak to a semi-impermeable or impermeable surface that is re-contained or remediated before the close of the next business day.
- Releases, leaks or spills of radionuclides directed to NPDES (NJPDES in New Jersey) permitted outfalls.
- Releases, leaks or spills of liquid Radwastes whose chemical makeup would interfere with the tritium analysis.

○ **Evaluation of Releases**

Evaluate releases for reportability as follows:

- Review the circumstances of the release for applicability.
- Determine reportability of the spill or leak or sample result(s) using the flowchart in Attachment 2.
- Report the spill or leak or sample result(s) as required.

○ **End of next business day State/Local offsite agency notifications**

Communication to the designated State/Local officials shall be made before the end of the next business day if an inadvertent leak or spill to the environment has or can potentially get into the groundwater and exceeds any of the following criteria:

- If a spill or leak exceeding 100 gallons from a source containing licensed material,
- If the volume of a spill or leak cannot be quantified but is likely to exceed 100 gallons from a source containing licensed material, or
- Any leak or spill, regardless of volume or activity, deemed by the licensee to warrant voluntary communication.

"Leak or spill" events that meet the NEI criteria shall be communicated regardless of whether or not the onsite groundwater is, or could be used as, a source of drinking water. The quantity of liquid resulting from leaks or spills of solid materials, waste or steam leaks should be evaluated with respect to the criteria above.

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“Source containing licensed material” means a liquid, including steam, for which a statistically valid positive result is obtained when the sample is analyzed to *a priori* lower limits of detection (analytical sensitivity). The analytical sensitivity for identifying a source containing licensed material is, at a minimum, the licensee’s lower limits of detection that are required for radioactive liquid effluents for all isotopes.

Spills or leaks with the “potential to reach groundwater” means:

- Spills or leaks directly onto native soil or fill,
- Spills or leaks onto an artificial surface (i.e. concrete or asphalt) if the surface is cracked or the material is porous or unsealed.
- Spills or leaks that are directed into unlined or non-impervious ponds or retention basins (i.e. water hydrologically connected to groundwater).

Determine the designated State/Local local offsite agencies to be notified in accordance with HR-AA-1001 (note: the HR-AA-1001 EPPI list utilized by Nuclear Communications for this reporting requirement is different than the EPPI lists for the Mid-Atlantic plants (Limerick, Peach Bottom, and Three Mile Island) and should not be confused). Contact onsite Regulatory Assurance to determine if there are any existing station commitments to notify specific local agencies of these events. The station shall document any agreement with State/Local officials that differs from the NEI 07-07 industry guidance. For example, some state or local authorities have indicated that they do not wish leaks/spills to be included in the voluntary communication protocol or that the voluntary communication should be completed in a shorter timeframe. These agreements should be indicated on the HR-AA-1001 notification list.

Communication with the designated State/Local officials shall be made before the end of the next business day for a water sample result of:

- Offsite groundwater or surface water that exceeds any of the REMP reporting criteria for water as described in the ODCM, or
- Onsite surface water, that is hydrologically connected to groundwater, or onsite groundwater that is or could be used as a source of drinking water, that exceeds any of the REMP reporting criteria for water as described in the ODCM.

Document the basis for concluding that the onsite groundwater is not or would not be considered a source of drinking water. Examples of a defensible basis are documents from the regulatory agency with jurisdiction over groundwater use.

When communicating to the State/Local officials, be clear and precise in quantifying the actual release information as it applies to the appropriate regulatory criteria (i.e. put it in perspective). Complete Attachment 1 and provide the information listed in the attachment as part of the informal communication.

**REPORTABLE EVENT RAD 1.34 (Cont'd)**

Contact NEI by email to GW\_Notice@nei.org and the ANI by telephone as part of a voluntary communication event described above.

o **4-Hour NRC ENS Notification**

The 4-hour NRC ENS notification described under Reportable Event (SAF 1.9) is not mandatory under this reportable event because:

- The State and Local communications being performed are voluntary in nature and are not required by any Federal or State regulations, and
- NEI and NRC are agreed that NRC will be receiving a voluntary 30-day report of the event.

However, to verify the need for performing the 4-hour NRC ENS notification described under Reportable Event (SAF 1.9), refer to the guidance for performing voluntary reporting to the NRC in LS-AA-1400, Event Reporting Guidelines 10 CFR 50.72 and 50.73 (NUREG-1022, Revision 2).

o **30-Day NRC Report**

All groundwater samples shall be analyzed and compared to the standards and limits contained in the station's REMP as described in the ODCM. Pre-2006 ODCM requirements specify a written 30-day report to the NRC for REMP sample results that exceed any of the REMP reporting criteria. Under the GPI, a written 30-day NRC report is also required for all onsite sample results that exceed any of the REMP reporting criteria and could potentially reach the groundwater that is or could be used in the future as a source of drinking water. If the groundwater is not currently used for drinking water but is potable, each station should consider the groundwater as a potential source of drinking water (See NEI 07-07, Objective 2.2, Acceptance Criterion b, for documentation needed).

The initial discovery of groundwater contamination greater than the REMP reporting criterion is the event documented in a written 30-day report. It is not expected that a written 30-day report will be generated each time a subsequent sample(s) suspected to be from the same "plume" identifies concentrations greater than any of the REMP criteria as described in the ODCM. The station should evaluate the need for additional reports or communications based on unexpected changes in conditions.

The 30-day NRC report should include the information listed in NEI 07-07, Objective 2.3, Acceptance Criterion b. All written 30-day NRC reports are to be concurrently forwarded to the designated State/Local officials contacted during the end of next business day State/Local offsite agency notifications.

**REPORTABLE EVENT RAD 1.34 (Cont'd)**

o **Annual Report**

The Annual Radiological Environmental Operating Report (AREOR) for REMP or the Annual Radioactive Effluent Release Report (ARERR) for the RETS shall include the information listed in NEI 07-07, Objective 2.4, Acceptance Criteria b and c.

**Definition of Terms:**

1. **Discharge:** This term includes but is not limited to, any leaking, pumping, pouring, emitting, emptying, or dumping of material that contain radioactive materials. For purposes of this guidance, the term discharge shall not include any discharge of licensed radioactive material to the licensed discharge point that is authorized by a license issued by the Nuclear Regulatory Commission (NRC) or a permit issued by other authorized federal or state agency.
2. **New Release:** The detection of a radionuclide not previously identified at specified sampling location, the unexpected increase in concentrations of a previously detected radionuclide, or a new discharge in a previously impacted area. A new release does not include expected migration of a known or historic release.
3. **Confirmed result:**
  - i) Confirmation via onsite analysis of two independent samples that the released material contains radionuclides.
  - ii) Confirmation via offsite analysis of two (2) independent samples that the concentration exceeds the reporting values.
  - iii) If material discharged is known to contain radionuclides via means other than sampling (e.g., the release is known to have originated from a system known to contain radionuclides), then the result is considered confirmed without sampling and analysis. An analysis, however, must be performed to identify the specific radionuclide concentration, although this analysis must not delay notification.
4. **Knowledge of Process:** The use of documented evidence (c.g., sampling data) or an individual(s) knowledge of the process (e.g., inputs, potential inputs and operating status of a system) to determine that a system contains, potentially contains or does not contain radiologically contaminated liquids.

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**REPORTABLE EVENT RAD 1.34 (Cont'd)**

5. **Recapture:** Previously discharged radioactive materials in gaseous or liquid effluents (does not apply to radioactive materials in solid materials or soil) that are returned from the environment to an operating nuclear power facility or to an operating nuclear fuel cycle facility. The NRC has determined that radioactive material properly released in gaseous or liquid effluents to the environment is not considered licensed material when returned to the facility as long as the concentration of radioactive material does not exceed 10 CFR Part 30, "Rules of General Applicability to Domestic Licensing of Byproduct Material," exempt concentration limits (otherwise a general or specific license is required). The water containing radioactive material returned from the environment can be used by the licensee and returned to the environment without being considered a new radioactive material effluent release. The basis for this determination is that the licensee has already accounted for this radioactive material when the effluent was originally released, provided that the subsequent use, possession, or release does not introduce a new significant dose pathway to a member of the public.
6. **Significant (leak or spill):** An item or incident that is of interest to the public or stakeholders. It does not imply or refer to regulatory terminology nor is it intended to indicate that the leak or spill has public health and safety or environmental protection consequences.
7. **Voluntary:** Not required by statute or regulation, but is required by Exelon commitment to the NEI Ground Water Protection Initiative.

***Related Reportable Events:***

- o RAD 1.4, Liquid Effluent Release
- o RAD 1.8, Effluent Release
- o RAD 1.21, Release Of Radionuclides
- o RAD 1.22, Release Of Hazardous Substance (Including Radionuclides)
- o RAD 3.1, Events Involving Byproduct, Source, Or SNM Causing Significant Exposure Or Release
- o RAD 3.2, Events Involving Licensed Material Causing Exposure Or Release
- o SAF 1.9, News Release or Notification of Other Government Agency
- o RAD 3.4, Unpermitted Releases of Radionuclides at Illinois Nuclear Power Plants

**REPORTABLE EVENT RAD 1.34 (Cont'd)**

***References:***

- NEI 07-07, Industry Ground Water Protection Initiative – Final Guidance Document (August 2007)
- NRC Regulatory Issue Summary (RIS) 2008-03, Return/Re-Use of Previously Discharged Radioactive Effluents
- CY-AA-170-4000, Radiological Groundwater Protection Program Implementation
- EN-AA-407, Response to Unplanned Discharges, Spills, and Accumulations of Licensed Radionuclides to Groundwater, Surface Water or Soil
- ANI Nuclear Liability Insurance Guideline 07-01, Potential for Unmonitored and Unplanned Off-Site Releases of Radioactive Material

**ATTACHMENT 1  
INDUSTRY GROUNDWATER PROTECTION INITIATIVE (GPI)  
VOLUNTARY COMMUNICATION**

1. Provide a statement that a voluntary communication is being made as part of the NEI Ground Water Protection Initiative.

2. Station Name: \_\_\_\_\_

3. Station Address: \_\_\_\_\_

4. Date and Time of Spill / Leak or Sample Result(s): \_\_\_\_\_

5. Specific Location of Release or Sample Result(s): \_\_\_\_\_

6. Source of the Spill / Leak (if known): \_\_\_\_\_

7. Is the leak stopped and the spill contained?            YES            NO

8. List of verified radionuclide contaminant concentrations (in pCi/L) in material released:

<u>Tritium (H3)</u>	_____	pCi/L
_____	_____	pCi/L
_____	_____	pCi/L

9. Estimate of the potential or bounding annual dose to a member of the public, if available at this time:

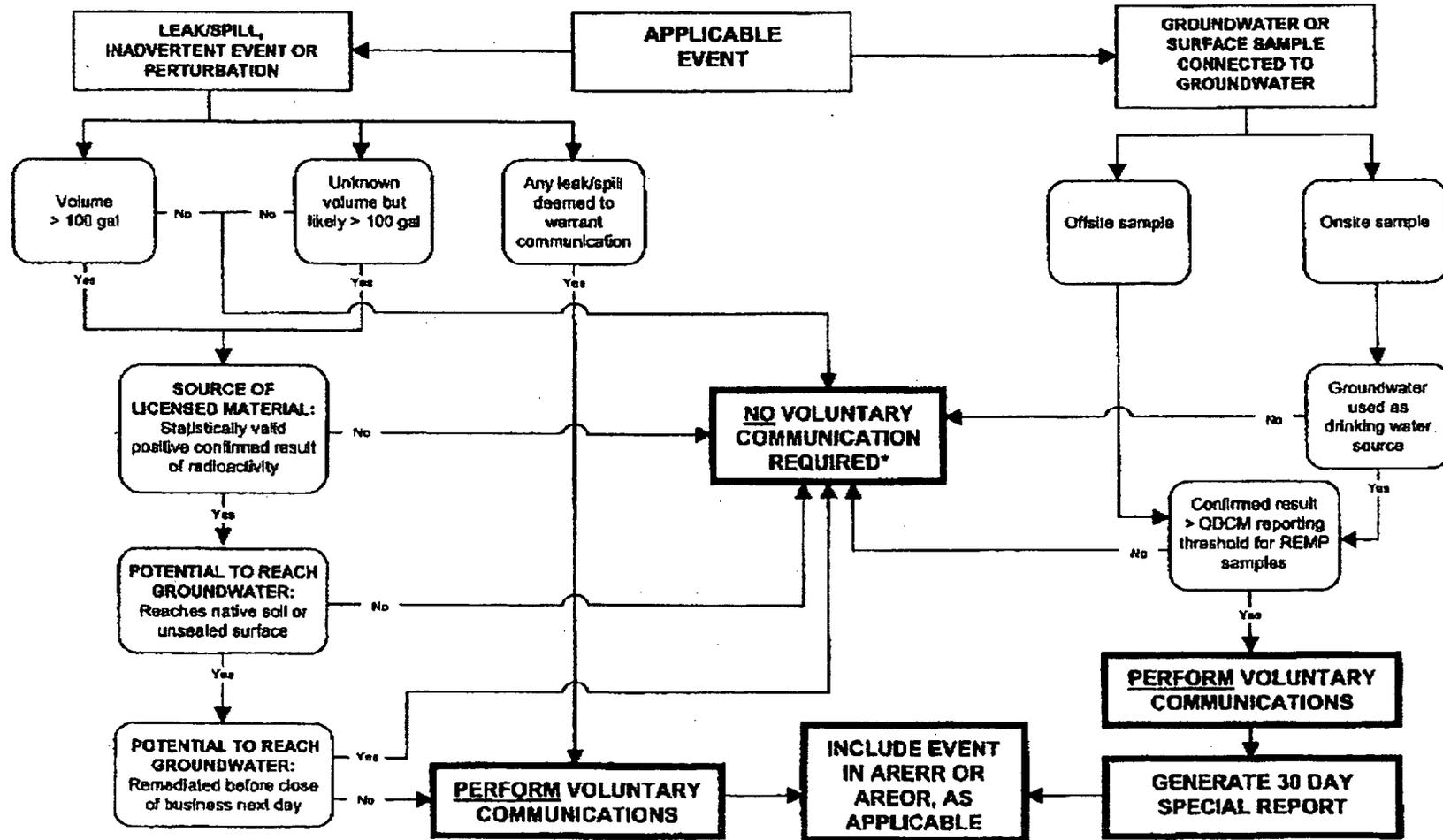
10. Actions already taken in response to containing and mitigating the release and a general description of future actions.

11. Estimated time / date station will provide additional information or follow-up.

Date: \_\_\_\_\_ Time: \_\_\_\_\_

12. Name of Individual Making Report: \_\_\_\_\_ Telephone No. \_\_\_\_\_

**ATTACHMENT 2  
 COMMUNICATION PROTOCOL FOR LEAK/SPILL AND GROUNDWATER SAMPLE RESULTS**



Enclosure 1

**Action Level Deficiencies**

Well #4	8/29/09	2900 pCi/L
Well #12	8/29/09	383 pCi/L
Well #19	8/29/09	543 pCi/L
Well #20	8/29/09	<MDC pCi/L
Well #21	8/29/09	745 pCi/L
Well #22	8/29/09	852 pCi/L
Well #23	8/29/09	Dry
U2 Yard Drain	8/23/09	545 pCi/L
U3 Yard Drain	8/23/09	3020 pCi/L