**RP Radioanalysis Laboratory Report**

**Sample Details**

<table>
<thead>
<tr>
<th>Sample</th>
<th>Date Taken</th>
<th>Taken By</th>
<th>System Name</th>
<th>Sample Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>L16174</td>
<td>6/13/2006</td>
<td>PIERSON</td>
<td>IR-02 OTHERS</td>
<td>Water (sewer) Discharge of 6 gal of water from SCB 6620 Babar Pep Ring IR-02</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Nuclide</th>
<th>Activity</th>
<th>Units</th>
<th>Error (1σ%)</th>
<th>Sample</th>
</tr>
</thead>
<tbody>
<tr>
<td>NDA-LSC</td>
<td>0</td>
<td>pCi/L</td>
<td></td>
<td>L16174</td>
</tr>
</tbody>
</table>

1) "NDA-LSC" in the nuclide column indicates that no detectable activity greater than background was found in the sample using Liquid Scintillation Counting methods. "NDA-SS" in the nuclide column indicates that no detectable activity greater than background was found using Gamma spectroscopy. "NRA" indicates that no radioactivity was added to the samples by processes at SLAC.

2) Gamma spectroscopy results are based on the sample having the same volume, density, shape, etc. as the calibration standard. For samples that have other physical characteristics, the listed activity must be treated as highly approximate.

3) All necessary quality control checks were carried out, and the instrumentation used for these analyses performed satisfactorily. See SLAC-L-7602A39C-008 and SLAC-L-7602A39C-009 for details.

**Instrumentation used** (check all that apply): LSC, HPGe (Gamma Spectroscopy)  

**Signature** ____________________________ Date ____________

Radioanalysis Laboratory Operator  

**Signature** ____________________________ Date ____________

Radioanalysis Laboratory manager (or designee)

*Wednesday, June 18, 2008*  

Page 1 of 1
**RP Radioactivity Analysis Form**

**Sample Number:** ____________

**Sample Date:** 6/13/08

**Sample by:** S. Pearson

**Reason for Sample:**
- (Check all applicable)
  - Plant Job
  - Work Area
  - Red Paint
  - Other

**Job Type:** DISCHARGE 5 gIL OF WATER FROM SB3

**Sample and RP Approval Required**

<table>
<thead>
<tr>
<th>Work Area</th>
<th>1103 Storage</th>
<th>1106 Steam</th>
<th>1108, 1109 Unit</th>
<th>1111-1112</th>
<th>SB2</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEP</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PEP Linear Systems (SYS)\n
<table>
<thead>
<tr>
<th>Linear Sections (SYS)</th>
<th>Linear Systems</th>
<th>Other Systems</th>
</tr>
</thead>
<tbody>
<tr>
<td>11 Sector</td>
<td>11 Sector</td>
<td>11 Sector</td>
</tr>
<tr>
<td>12 Sector</td>
<td>12 Sector</td>
<td>12 Sector</td>
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<tr>
<td>13 Sector</td>
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<tr>
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<td>14 Sector</td>
<td>14 Sector</td>
</tr>
<tr>
<td>15 Sector</td>
<td>15 Sector</td>
<td>15 Sector</td>
</tr>
</tbody>
</table>

**Discharge Information**

- Discharge Date: ____________
- Discharge Location: ____________
- Discharge Time:
  - Start Time: ____________
  - End Time: ____________

**Sample and RP Approval Not Required**

- (Check all applicable)
  - PEP
  - Linear Systems
  - Other Systems

**Radiation Protection Field Operations USE ONLY**

- (Check all applicable)
  - Lead
  - Dosage
  - Air Sample
  - Build
  - GE Standard Waught
  - Other

**Radiation Protection Analysis and Approval**

- (Check all applicable)
  - NDA (15)
  - NDA (50)

**Comments:**
- Sample bottle returned for disposal
- Hazardous sample returned
- Solid sample returned