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Pacific Northwest Laboratory
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OPERATING DATA FOR THORIA WAFER DISSOLUTION SAMPLES

AUTHOR
J. P. Schmidt

DATE
May 22, 1969

DECLASSIFIED

CLASSIFICATION

(5-69) SEC-RL RICHLAND, WASH.
The following table presents information about the thoria wafer dissolution samples, as listed in the referenced letter, recently forwarded to your facilities. If you desire additional data, please do not hesitate to call on me.

<table>
<thead>
<tr>
<th>Reactor</th>
<th>Tube No.</th>
<th>Location</th>
<th>Charge Date</th>
<th>Discharge Date</th>
<th>Operating Days</th>
<th>U-232 at Discharge</th>
<th>Max Core Temp</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>33A*</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>10</td>
<td>16</td>
<td>Series</td>
<td>Position 2</td>
<td>2</td>
<td>10</td>
<td>19</td>
</tr>
<tr>
<td>C</td>
<td>0166</td>
<td>Fringe</td>
<td>1-19-68</td>
<td>3-20-69</td>
<td>~340</td>
<td>~10 ppm</td>
<td>~200</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Central Zone</td>
<td>11-3-68</td>
<td>1-19-69</td>
<td>~62.5</td>
<td>~8 ppm</td>
<td>~500</td>
</tr>
</tbody>
</table>

* 32 pieces/column; No. 1 piece downstream
** 38 pieces/column; No. 1 piece downstream
*** Indicated temperatures are estimated to have an error of approximately ±10%.