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**Pacific Northwest Laboratory
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OPERATING DATA FOR THORIA WAFER DISSOLUTION SAMPLES

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BY Arthur E. Buey

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TO W. W. Schultz

FROM J. P. Schmidt *JP Schmidt*

SUBJECT OPERATING DATA FOR THORIA WAFER DISSOLUTION SAMPLES

This document consists of

1 pages, No. *[redacted]*

Reference: Letter, JP Schmidt to R. Teats, "Mid-April Thoria Shipment to Radiomet," April 7, 1969

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.

	<u>4</u>	<u>10</u>	<u>16</u>	Series Position <u>2</u>	<u>10</u>	<u>19</u>
Reactor		C			KE	
Tube No.		0166			3180	
Location		Fringe			Central Zone	
Charge Date		1-19-68			11-3-68	
Discharge Date		3-20-69			1-19-69	
Operating Days		~340			~62.5	
U-232 at Discharge		~10 ppm			~8 ppm	
Max Core Temp C***	~200	~400	~700		~500	~1200 ~1800

* 32 pieces/column; No. 1 piece downstream

** 38 pieces/column; No. 1 piece downstream

*** Indicated temperatures are estimated to have an error of approximately $\pm 10\%$.

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By Authority of JS BuckinghamCG-NMP-1, 10-28-94By J E Savely 12-16-94Verified By JS Buey 12-20-94

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