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**DESIGNER AND  
MANUFACTURER  
OF**

*Scientific and Industrial  
Instruments*

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2 February 2018

30-20785

ATTN: Document Control Desk/Exempt Distribution  
Director

Office of Federal and State Materials and Environmental Management Programs  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Subject: Material Transfer Summary as required by 10 CFR 32.20(b)

Purpose: Materials transferred for use under 10 CFR 30.18 (License 42-21454-01E)

Summary – transferred from 01 January 2017 through 31 December 2017

All below sources transferred were sealed sources

Barium <sup>133</sup>	Carbon <sup>14</sup>	Cesium <sup>137</sup>
Units/Amount	Units/Amount	Units/Amount
22 / 22 $\mu$ Ci	1 / 6.895 nCi	1784 / 4067 $\mu$ Ci
Cobalt <sup>57</sup>	Cobalt <sup>60</sup>	
Units/Amount	Units/Amount	
1 / 1 $\mu$ Ci	2 / 2 $\mu$ Ci	

The below transferred sources are in a liquid scintillation cocktail.

Carbon<sup>14</sup>  
Units/Amount  
8 / 0.08  $\mu$ Ci

Regards,

William I. King Jr., PE, RSO

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