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August 15, 2013

Mr. Mershad A. Shahabidin  
Radiation Safety Officer  
Rapiscan Laboratories, Inc.  
520 Almanor Ave.  
Sunnyvale, CA 94085-3533

SUBJECT: RAPISCAN LABORATORIES, INC. – AMENDMENT REQUEST FOR  
U.S. NUCLEAR REGULATORY COMMISSION LICENSE SNM-2018  
(TAC NO. L33281)

Dear Mr. Shahabidin:

On May 10, 2013, you sent us a request to amend your license to authorize storage of material, on license Special Nuclear Material (SNM)-2018, at your Moffett Federal Airfield testing site at in Sunnyvale, CA. You also requested to transfer 100 kg of Depleted Uranium (DU) from your California Radioactive Materials License to your U.S. Nuclear Regulatory Commission (NRC) Materials License and to update your Authorized Users, with the addition of two personnel. On July 19, 2013, you responded to our Request for Additional Information (RAI) sent to you on July 2, 2013.

We have reviewed the submittal and are enclosing the Safety Evaluation Report of our review. Based on the review and the commitments made in the amendment request and RAI response, the proposed changes are acceptable. The staff has determined that the changes meet the requirements in Title 10 of the *Code of Federal Regulations* (10 CFR) Parts 40, 70, 73 and 74. The amendment is approved. Enclosed is the amended License No. SNM-2018, both public and non-public. Condition 6 has been modified to include 100 kg of DU. Rapiscan will submit an amendment request to the State of California, to amend their license, reflecting the removal of 100 kg of DU. When the amendment is received, Rapiscan will submit a copy to this office. Condition 11 has been modified to include storage at the Moffett Field Site, in addition to your permanent facilities. Rapiscan is also reminded to notify the NRC prior to any change in foreign ownership or changes to voting rights or governance, under the requirements of 10 CFR 70.36.

In accordance with 10 CFR 2.390(d) of the NRC's "Rules of Practice," a copy of this letter and Enclosure 3 will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System component of NRC's Agencywide Documents Access and Management System.

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M. Shahabidin

- 2 -

An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22(c)(25).

If you have any questions regarding this letter, please contact Mr. Ty. Naquin at (301) 287-9144, or via e-mail at [Tyrone.naquin@nrc.gov](mailto:Tyrone.naquin@nrc.gov).

Sincerely,

*/RA/*

Tyrone D. Naquin, Project Manager  
Fuel Manufacturing Branch  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

Docket No. 70-7021  
License No. SNM-2018

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Enclosures:

1. Safety Evaluation Report (Non-public)
2. Amendment 1 to Materials License SNM-2018 (Non-public)
3. Amendment 1 to Materials License SNM-2018 (Public)

M. Shahabidin

- 2 -

An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22(c)(25).

If you have any questions regarding this letter, please contact Mr. Ty. Naquin at (301) 287-9144, or via e-mail at Tyrone.naquin@nrc.gov.

Sincerely,

*/RA/*

Tyrone D. Naquin, Project Manager  
Fuel Manufacturing Branch  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

Docket No. 70-7021  
License No. SNM-2018

Enclosures:

1. Safety Evaluation Report (Non-public)
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<b>NAME:</b>	TNaquin	TBrockington <i>/TRichmond for/</i>	RJohnson
<b>DATE:</b>	07/30/2013	07/31/2013	08/15/2013

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