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CIRCULAR

NEA/RPNSD/NSTU/14/10/0004

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To: All declaring agents

Dear Sir/Mdm,

NOTIFICATION OF NEW LICENSING REQUIREMENT FOR TRANSPORTATION OF NUCLEAR MATERIAL

Singapore will become a Party to the International Atomic Energy Agency (IAEA) Convention on the Physical Protection of Nuclear Material (CPPNM) from 22 October 2014. Under the Convention, Singapore will be obliged, among others, to establish various offences done in relation to nuclear material, to ensure adequate protection of nuclear material in international transport, as well as to share information and coordinate recovery and response operations in the event of a threat posed to a consignment of nuclear material. The press release issued by the Ministry of the Environment and Water Resources on Singapore's accession to the CPPNM can be found at the webpage link below:

<http://app.mewr.gov.sg/web/Contents/Contents.aspx?Yr=2014&ContId=2032>

2 From 22 October 2014, all transit of nuclear material through Singapore will require a licence from the National Environment Agency (NEA) Radiation Protection and Nuclear Science Department (RPNSD). The nuclear material in question is as defined under the Radiation Protection Act (RPA) and are extracted below :

“Nuclear Material” means:

- a) Plutonium except plutonium with an isotopic concentration of plutonium-238 exceeding 80%;
- b) Uranium-233;
- c) Uranium containing uranium-233 or uranium-235 or both in such as amount that the abundance ratio of the sum of those isotopes to uranium-238 is greater than the ratio of uranium-235 to uranium-238 occurring in nature;
- d) Uranium with an isotopic concentration equal to that occurring in nature; or
- e) Any material containing one or more of the foregoing,

that is used for peaceful purposes, but does not include uranium in the form of ore or ore-residue.

3 The licence application form is available at <http://app2.nea.gov.sg/services-forms/licences-permits-building-plan-clearances/radiation>. The licence fee is \$40 per consignment, similar to the current licence fee for import and export of radioactive material.

4 In addition to NEA's licence, approval from the Maritime Port Authority of Singapore (MPA) is also required for shipment of nuclear material transiting through Singapore.

5 Please contact Mr Tan Yoke Ping at email: tan_yoke_ping@nea.gov.sg should you require further clarification.

Yours faithfully,

Tan Yoke Ping
for Director
Radiation Protection and Nuclear Science Department

(This is a computer generated letter. No signature is required.)