



United Arab Emirates

Ref: FANR-ENEC-OPR-DDGO-0006/2011
30 March, 2011

Dr. Mohamed Abdulla Chookah
Manager, Licensing and Regulatory Affairs
Emirates Nuclear Energy Corporation
P. O. Box 112010
Abu Dhabi, UAE

Dear Dr. Chookah,

Subject: Request for a Plan to Evaluate and Apply any Applicable Lessons Learned from Events following the Tohoku-Taiheiyou-Oki Earthquake in Japan

Further to the serious situation that is occurring at the Fukushima nuclear power site in Japan as a result of the Tohoku-Taiheiyou-Oki Earthquake, and in line with FANR's responsibility to apply appropriate safety requirements to nuclear facilities in the UAE, we request that ENEC provide, by April 30, 2011, a description of its plans to review the events and to incorporate any applicable lessons learned into the siting, design and operation of its proposed Braka nuclear facility. Besides, we will evaluate these same events to determine if our existing requirements should be enhanced, and we will certainly keep ENEC appropriately informed.

Please note that FANR regulations require applicants and licensees for nuclear facilities to, *inter alia*:

1. take due account of relevant operating experience that has been gained from other Nuclear Facilities and research programmes;
2. consider in the siting and design of nuclear facilities external hazards including natural phenomena such as earthquakes, floods, tsunamis, and extreme meteorological conditions;
3. assess the potential impact of the loss of large areas of the facility due to fire and explosions;
4. put in place measures to prevent severe accident sequences and to mitigate their consequences should they occur;
5. maintain an organisation with sufficient competent personnel that is capable of coping with emergencies and mitigating their consequences, and can perform assessment actions and implement notification procedures.

FANR expects that ENEC will review the information that has and will become available on the events at Fukushima in accordance with its plan, and provide any additional information needed to supplement its construction licence application in order to thoroughly demonstrate the safety of the proposed Braka facility.

For further information on this matter please contact Mr. Ian Grant, Director of Nuclear Safety.

Sincerely,

Christer Viktorsson
Deputy Director General- Operations

cc. William Travers, FANR