**Protocol of IMSS SKGO MP Meeting**

**Dated 29th June until 1st July 2015**

The meeting of In-Mast Sipping System (IMSS) SKGO MP concerning clarification of contractual and technical issues of the system installation was held in BNPP-1 (Bushehr) and NPPD office in Tehran from 29th June until 1st July 2015. The meeting results are as follows:

1. Diakont should assess the BNPP-1 request related to change the contract from “Delivery Contract” to “Delivery and Installation Contract” within 2 weeks. On the other hand, Diakont should inform TAVANA if they accept installation responsibility of the system at the BNPP-1 and implement it as a turnkey project;
2. TAVANA should send relevant refueling machine (RM) drawings to Diakont within 2 weeks in order for feasibility study of the installation of the Mechanical parts on working mast of the RM of the BNPP-1 reactor in vertical position (without dismantling the RM working mast);
3. “Granting permission from Atommash Company (the main manufacturer of RM) for installation of IMSS SKGO MP on the RM of the BNPP-1” shall also be evaluated by Diakont and clarified in the next revision of the contract draft;
4. “Installation plan of IMSS SKGO MP” in details shall be provided by Diakont and attached to the contract as an addendum after signing the contract;
5. Diakont should evaluate the possibility of delivery of control source to BNPP-1 in order to calibrate the detector of the system before signing the contract. In addition, all spare parts of the installed system at the BNPP-1 including detectors (even not made in Russian Federation) should be supplied by Diakont based on the contract;
6. Diakont should evaluate whether there is a benchmark confirmed by Kurchatov Institute so that the measurements of the system is compared with the benchmark in order to determine leakage of failed fuel assemblies;
7. New revision of the Contract Draft is to be developed according to this protocol within one month and submitted to TAVANA;
8. Appendices No. 1 and 2 of the contract should be completed by Diakont according to technical appendices of letter No. 882/30 dated 21.04.2015 and items 3, 4 and 5 of the Technical and commercial offer No.3533 dated 27.05.2013;
9. TAVANA shall follow up the NPPD approach concerning item 15.4 stipulated in previous draft of the contract;
10. Diakont is requested to send more information in respect of modernization of RM control system in details along with instances. It is supposed to show relationship between “level and type of modernization” and “reduction rate of refueling duration”.

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| **Principal** | **Contractor** |
| BNPP-1:1. Hedayat Abbaspour- Deputy Director for Safety
2. Abbas Ali Roshankar- Deputy of Deputy Director of Maintenance & Repair
3. Saeed Gol- Manager of Fuel & Nuclear Safety
4. Abdollah Alipoor- Manager of Electrical Department
5. Hossein Dehghani- Manager of I&C Department
6. Fardin Babaei- Head of Nuclear Fuel Group
7. Reza Taherinia- Head of TTO
8. Naser Kiani- Head of Radiation Control Laboratory
9. Mohammad Hassan Ansari- Operator of RM
 | DIAKONT:1. Andrei Miasnikov- Sales Manager

 1. Valerii Krylov- Engineer of Project
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| NPPD:1. Maysam Shahabizadeh- Fuel Management Expert
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| TAVANA:1. Mohammad Mohsen Ertejaei- Deputy Director of Nuclear Fuel
2. Babak Memar- Fuel Engineering Services & Safeguards Expert
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