

LTR-1000-199832

2018/05/29

Yes



To: Mr.A.V.Vostrikov

**Deputy General Director of Rusatom Service JSC for Operation Support –
ATEX JSC Managing Director**

**Sub: Restoration of Thread and Additional Inspection of Thread Connection “Plug
7EC.462.005 and Generator Rotor 0EC.335.973”**

Dear Sir,

Please find attached the application form (Appendix 3) based on the Contract No. CNT-ETS/4100-1 dated February 25th, 2015 for obtaining the following items from the manufacturing plant (PAO “power machines”):

- Restoration technique of the unit “plug 7EC.462.005-GR half coupling 0EC.335.973” and
- Scope and inspection methods of thread connection of the unit “plug 7EC.462.005 -GR half coupling 0EC.335.973” before and after assembly of the specified unit as well as evaluation criteria.

You are kindly requested to make the necessary coordination for taking actions in this regard and keep us informed of results.

Sincerely yours

H.Ghaffari

Bushehr NPP Manager and Managing Director

Application for engineering services under the Principal's request
Authorized representative of the Contractor Mr. A.P. Rumyantsev

Please be notified of the following operation support engineering services for your consideration and submit us necessary technical assignment and contractual terms and conditions based on item 4.1.2 of Appendix 4 of the Contract as soon as possible.

Name of issue to be settled	Submission of request to PAO «Power machines» on restoration of thread and additional inspection of thread connection "plug 7BC.462.005 and generator rotor 0BC.335.973" on generator TBB-1000-2/27-T3 of Bushehr NPP, power unit №1	Principal/ Principal's Dpt	BNPP/EED
Date of request	____.05.2018	Deadline of response	____.08.2018
Description of the issue: While performing in-service tests of the triggers of safety controller of the turbine control and protection system, radial plug 7BC.462.005 was torn off from the thread connection on the half coupling of rotor 0BC.335.973 (GR) of generator TBB-1000-2/27T3 with the subsequent fall of radial pin 8BC.934.980 out of connection of GR and rotor 0BC.335.981 (PB) of exciter БВД3400-3000T3. While the plug tearing off, the thread was damaged in the thread connection of plug 7BC.462.005 – GR half coupling 0BC.335.973. For preventing such cases, it is necessary to receive the below items from the manufacturing plant: <ul style="list-style-type: none">• restoration technique of the unit "plug 7BC.462.005 – GR half coupling 0BC.335.973;• scope and inspection methods of thread connections of the unit "plug 7BC.462.005 - GR half coupling 0BC.335.973" before and after assembly of the specified unit as well as evaluation criteria.			
Attachment			

**Deputy Chief Engineer of BNPP-1 –
authorized representative of the Principal**

E. Deylami

Alipour