

**OFFICIAL COORDINATION REQUEST FOR  
NON-ROUTINE OPERATIONS AND MAINTENANCE**

**COORDINATION TITLE-** *13TDA06 T8 startup*

**COORDINATION DATE-** 27 June 2013

**PROJECT-** The Dalles Dam

**RESPONSE DATE-** 11 July (FPOM)

**Description of the problem-** Units 15 and 16 have been out of service due to transformer T8 oil issues. Plans are to restart the units July 22 and test T8 to assure problems have been resolved. Unit 15 and 16 will need to be run outside of the 1% criteria during this testing for four 8 hour periods.

**Type of outage required-** Unit 15 and 16 out of 1% operation criteria July 22.

**Impact on facility operation-** The return of unit 15 and 16 to service.

**Dates of impacts/repairs-** 22 July 2013

**Length of time for repairs-** Four 8-hour periods.

**Expected impacts on fish passage-**

Downstream migrants- Unknown. Approximately 18% of sub-yearling passage occurs through powerhouse. Horizontal powerhouse distribution is uniform. Turbine survival for sub-yearlings is approximately 86% under normal 1% operation, per previous JSAT studies. Cannot find specific turbine survival information for The Dalles units running outside 1% .

Upstream migrants- impacts expected to be minimal since the ladders should not be impacted.

**Comments from agencies**

**11 July 2013 FPOM- 13TDA06 T8 Startup.** FPOM asked how much time will be spent out of 1%. Fredricks asked for the expected flow through the units. **FPOM would prefer this occur in August, but may be ok with July depending on how much of the operation will be outside 1%, and how far outside 1%**

**NOAA-**

-----Original Message-----

From: Gary Fredricks - NOAA Federal [mailto:gary.fredricks@noaa.gov]

Sent: Monday, July 22, 2013 9:04 AM

To: Mackey, Tammy M NWP

Cc: Klatte, Bernard A NWP; Lorz, Tom; Cordie, Robert P NWP; Ed Meyer - NOAA Federal; Trevor Conder - NOAA Federal

Subject: Re: FPOM: MOC 13TDA06 T8 startup (UNCLASSIFIED)

That's good news and thanks to Bob for working this issue. Gary

**Final results-** The Project will not operate the unit outside the 1% for any length of time that exceeds FPP criteria.

-----Original Message-----

From: Caracciolo, Lou NWP  
Sent: Wednesday, July 17, 2013 9:49 AM  
To: Cordie, Robert P NWP; Doty, Douglas NWP; Salber, Frank J NWP;  
Colesar, Mike S NWP; Twiner, Ronald D NWP  
Cc: Filer, Doug D NWP  
Subject: RE: T8 testing (UNCLASSIFIED)

O.K. - I talked with Doug Filer with regards to the 1% criteria. I believe that both of us concurred that starting out at 55 MW as a first stage of loading is not going to cause too much adversity. Thus, we would never violate the fish passage criteria. We could also discuss the advantages - IF ANY - of using the first 30-minutes to run the generator at 20MW at our meeting Monday morning. So, my recommendation is to proceed with the re-energization on Monday, 22 July and then subsequent loading (as early as Wednesday or Thursday). Please let me know if there is agreement with this proposal. Otherwise, let me know what you would like to do differently....

Also, keep in mind that T-11 is out of service 4 - 8 August for routine maintenance and testing. And so, I would prefer not to prolong the return of T-8 as I, TDE, and TDO will be supporting the T-11 outage.

Lou

Please email or call with questions or concerns.

Thank you,  
Tammy

Tammy Mackey  
NWP Operations Division Fishery Section  
Columbia River Coordination Biologist  
503-961-5733  
[Tammy.m.mackey@usace.army.mil](mailto:Tammy.m.mackey@usace.army.mil)