

UNDERTAKING J14.5

Undertaking

To provide not just the incremental numbers but an indication of all environmental expenditures associated with the Darlington Refurbishment Project the test period 2014/15.

Include a list of the (5) SIO project costs during the test period.

(Provide not just the incremental numbers but an indication of the test period environmental expenditures associated with DRP.)

(Refer to JT2.4 and LOW #001)

Response

Refer to LOW #001 for detailed test period budgets required by the Darlington Refurbishment EA and EA follow-up Program which are incremental to the normal operations of the plant.

Refer to JT2.4 for detailed test period Environmental Program budgets incremental to the budgets identified in LOW #001.

In addition to Environmental Program budgets, there are additional Environmental expenditures associated with the DRP;

1. As noted in JT2.4, contractors working on the DRP are required to implement an Environmental Management Plan applicable to their work activities.

OPG has reviewed the estimated costs from the Retube & Feeder Replacement (RFR) contractor and determined they are minimal and not broken out as a stand alone costs.

2. The following provides the capital expenditures of the Safety Improvement Opportunity (SIO) projects during the test period: (in Millions \$)

SIO Projects	2014 Plan	2015 Plan
Emergency Power Generator	26.3	34.6
Containment Filter Venting System	30.2	23.3
Powerhouse Steam Venting System	1.8	1.6
Shield Tank Over Pressure Protection	4.4	1.7
ESW Buried Services	5.9	1.4

The above SIO project expenditures are included in the total Darlington Refurbishment Project updated capital expenditures, as noted in D2-2-2 Page 7.