ONTARIOPOWER GENERATION

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N-FORM-10134-R003*

Barrier Analysis Worksheet

Adverse Condition	Barrier(s) that should have precluded Condition	How the Barrier Failed	Why(s) the Barrier Failed
Project 16-31555 - D2O Storage Project - TSSA Registration Response Package cannot be found by Design Agency	Event Free Tools for knowledge Workers(Questioning Attitude)	The Questioning Attitude and validation of assumptions event free tool was not used appropriately. The OPG DTL assumed that the vendor was submitting TSSA regsitrations for acceptance to AS7 as per expectations memo issued by the DA and had demonstrated compliance in the past regarding TSSA submissions.	The validation of assumptions barrier failed due to the assumption by the OPG DTL for the D2O Storage project, that the registrations packages were being submitted in a timely manner and based on past submission compliance by this vendor for this project. In this case, the vendor was requested to complete design work by May 2015 for turnover to a new designer in an expedited manner. The vendor did not mention to the OPG DTL of any outstanding TSSA submissions and the OPG DTL did not ask (Questioning attitude), during turnover and only through a document search to support the new design vendor was this issue detected by the OPG DTL.
Project 16-31555 - D2O Storage Project - TSSA Registration Response Package cannot be found by Design Agency	TSSA Registrations by the vendor have been delegated with the assumption that the vendor will meet DA expectations memo (NK38-CORR-09701-0509958)	OPG has lost the ability to track TSSA registration submissions being sent on its behalf due to the delegation. There is no oversight on TSSA submissions of the vendors and therfore it is dependent on vendor barriers due to ensure that the document is submitted to OPG AS7.	There is no oversight task or a documented log of Vendor TSSA submissions provided by the vendor to OPG and therfore it is assumed that the vendor is issuing TSSA registration packages into AS7. The only time this is detectable is when the package is is sent for OPG acceptance to be issued into AS7 or when it is needed for review by OPG personnel as part of DCAVR and DEC acceptance.

*Associated with N-STD-RA-0008, Incident Investigation

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