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Date: September 3, 2008

To: Nick Warner
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From: Russ Miller-Johnson, P.E.

Re: The Moran Plant, Burlington, Vermont
Structural Engineering Assessment of Existing Base Level
Preliminary Concrete Condition Findings

Based on our site observations and a final lab report that has just been received on the concrete core samples, it appears that the condition of the reinforced concrete material of the building's base structure is essentially at or near its so-called original, as-built design capacity and use. Consequently, additional thresholds of testing and examination will not be recommended. The findings and study apply to the concrete base superstructure, much of which has been submerged or otherwise exposed to the unconditioned environment.

As noted previously, we understand that the proposed adaptation of the building will not require that concrete surfaces at the base be used as material conduits or working surfaces, so that minor surface conditions that have developed from the current exposure to the environment, will not be required to be remediated. The lab report now reinforces this observation.

The concrete strength and chloride infiltration results are favorable for re-use that involves dewatering and encasement, that we understand is a possibility in the proposed work of the next phase.