

MANAGEMENT ASSESSMENT PROCESS in STORAGE - DRAFT  
AL 17289A 237 PDF

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LINE 15-23 is a ~~comment~~ <sup>JUSTIFICATION</sup> as to what maybe

THIS is a review which attempts to look at all combinations and environments which might cause severe degradation.

Although this approach is very time and expertise intensive, this approach has a history of failure to expose the obvious at Fukushima, ARKANSAS ONE, CHINNA and naseum, ad infinitum (argument to nausea and bomb repetition). There is NO REASON to believe that this approach will be more ~~acceptable~~ predictive for MAPS.

At Fukushima this approach failed to foresee ~~earthquake~~ a 9+ Earthquake and a Tsunami greater than 35' which allowed several reactors to fail catastrophically.

ARKANSAS #1 experienced a crane drop wherein a crane ~~lift~~ dropped a 1/2 million pound stator thru a floor and the ceiling of a switchgear room. The ~~same~~ SG room flooded and remained flooded for 11 HOURS. Courageous work by electricians ~~STOP~~ RESTARTED THE COOLING FLUID FLOW BEFORE THE LIQUID LEVEL IN THE SPENT FUEL POOL ~~WAS~~ ~~FELL~~ DROPPED TO THE POINT OF ALLOWING A FIRE TO START There in.

Conversely the approach of looking at history to learn ~~apparent~~ lessons is a abandoned in this draft, a serious deficiency. History is a great teacher. If we fail to learn from history, surely we ~~are~~ will repeat the mistakes of the past.

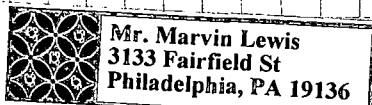
At Fukushima management refused to see the possibility of a 8+ Earthquake. IT HAPPENED.

At ARKANSAS No.1 crane maintenance was delayed for economic considerations. A half million pound stator DROPPED.

I hope that all reactors have separated ~~that~~ electrical runs properly.

12/7/17

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SUNSI Review Complete

Template = ADM - 013

E-RIDS = ADM-03

Add = John Wisc (JWU)

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# ALKALI-SILICA Reaction

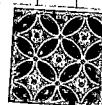
Since much of this storage is in concrete overfalls, the chance of silica alkali reactions are abundant.

My concern is that alkali silica reactions can often be mistaken for other processes and N.N. These confounding processes include, but are not limited to:

1. Poor quality causing degradation & failures. High quality concrete is in short supply, a condition money is often used to cure. When money is short, low quality concrete flows!
2. Degradation due to acid exposure, resembles Alkali-Silica reaction. The "cure" for Alkali-concrete reaction & acid exposure will degrade concrete further and faster.
3. Poor quality handling or production can produce concrete that appears as Alkali-Silica problem. "Cures" are ineffective over a length of time.

These possibilities seem to be outside this Noreg, but are not outside the scope of reality.

12/7/17



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