

August 28, 2016

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Subject: [External_Sender] Fukushima-related Thoughts
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Hello Mike,

I have recently taken advantage of some time to begin reading a book on decision-making with the intention of applying its lessons to the present situation in Fukushima. I am interested if you at the NRC have anyone doing the same, or even if you have heard of anyone else (in any other organization) making such an effort. I understand that it would be difficult to get financial support, however I believe it could be of some value anyway and especially would be if we ever do have a big accident and find to our chagrin a plant owner/operator unable to improve the situation.

The book presents the Kepner-Tregoe rational decision making method, (among other problem solving methods), as it was in about 1990 or so. Although I have a decent amount of experience using the K-T Problem Analysis method, (which is used in root cause analysis), I have no experience using their Decision Analysis method.

I believe the first thing I need help with is a clear description of what we want. My guess is (for an accident) that it would be something like: Stabilize the corium and provide 2 layers of containment between it and the environment within a (to be determined) time (like maybe 2 weeks). In particular, I believe "cool the core" is insufficient.

But the accident was 5 years ago. I am particularly interested in what additional "requirements" have appeared since.

Thank you,

Tom Gurdziel



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