

Greene, LaTosha

From: Tom Gurdziel <tgurdziel@twcny.rr.com>
Sent: Saturday, November 28, 2015 10:14 AM
To: Bridget Frymire
Cc: Screnci, Diane; Ledford, Joey; Mitlyng, Viktoria; Dricks, Victor; ESTRONSKI@aol.com; Lyon, Jill:(NMP); T Holden; CHAIRMAN Resource
Subject: [External_Sender] Nuclear New Construction

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Happy Thanksgiving,

I hope you are having pleasant holidays with your family. We spent Thanksgiving with one daughter and both granddaughters. Tomorrow we will see the other daughter.

I have been reading the report from IAEA on the Fukushima accident as much as possible. It is in 6 parts. So far I have read the first three. They have been 172, 202, and 158 pages long. I just started Technical Volume 3/5 on Emergency Preparedness and Response. I probably will not read it page to page like the first three, but, since the US NRC has deferred addressing "command and control" issues for 4 ½ years by claiming to handle it with emergency planning topics, that will receive my special attention.

I am writing, though, to give you my thoughts on an article I just read in the November 9, 2015 issue of "ENR, Engineering News-Record" on the US new construction nuclear industry: "Fluor Would Finish Nuke Jobs In CB&I-Westinghouse Deal".

Even using the new idea of modular construction, we can NOT build new nuclear plants either on time or on budget would be my assessment/conclusion.

Since I do not follow these new construction jobs, I am not very familiar with who is doing what. However, it seems that the designer, (Westinghouse), has been forced to buy the work back from CB&I, who, you may remember, entered the business by buying "The Shaw Group" in 2012. The article provides a quote to the effect that, after the change, the 18 month delay on Vogtle "became a 39-month delay."

I found two comments in the article particularly of interest. The first was, (and I doubt this will surprise you), that Fluor will be working on a cost-plus basis. The second was the statement that Toshiba, which owns Westinghouse, is "more able to absorb the risk of the complex projects". (I just read last night that the head of Toshiba had to apologize for failing to report a massive financial Westinghouse loss in the recent past.)

Finally, let me say that I believe that the South Carolina units are being built non-union and the Georgia units are being built union. This was not mentioned in the article.

Thank you,

Tom

Incidentally, my comments on construction of powerplants are based on my employment by Burn & Roe Construction Company on a two unit fossil fueled plant at Roseton, NY; by United Engineers & Constructors as the area engineer for the Unit 2 containment building at Three Mile Island, a PWR; by Stone & Webster as the rigging engineer at Nine Mile

Point, Unit 2, a BWR; and by MRG on a short contract job installing maintenance software at a combined cycle multi-fuel plant, (Ocean State Power), in Rhode Island.

The author of the article is Pam Radtke Russell. You may have access to this article at enr.com, though that may be limited to subscribers. Two contact telephone numbers are 877-876-8208 or 515-237-3681.



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