



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

August 7, 1979

NOTE TO: John T. Collins, Deputy Director, TMI-2 Support
FROM: Lawrence G. Bell, Senior Nuclear Engineer, TMI-2 Support
SUBJECT: MINUTES OF MEETING WITH REPRESENTATIVES FROM TELEDYNE ENERGY SYSTEMS

On August 7, 1979, R. Weller and I met with C. W. Jay and W. C. Hall of Teledyne Energy Systems, Protective Packaging Division. Jay and Hall came in to discuss PPI's new UF solidification process, their pilot plant operations, and their plans to install their pilot system at the North Anna facility.

We discussed their process control program, and the basics of backfitting their new process to existing systems. We also talked about tentatively setting up a demonstration of their system for NRC personnel.

C. W. Jay stated that PPI's new two-step UF process consists of using a Urea-Formaldehyde (UF) concentrate, a buffered catalyst, and a waste blending tank. Key parameters in their new process are temperature and pH. Controlling these two parameters are basic to the solidification of waste. Summarizing the meeting, the following topics were discussed:

- (1) Changes in the methods used to solidify waste using UF.
- (2) Revisions to their Topical Report.
- (3) Types of waste solidified in their system to-date.
- (4) Plans for installing a demonstration system at North Anna to determine if actual power plant waste can be solidified with no free water remaining in or on the product.
- (5) Process control program.
- (6) Setting up a demonstration of the process for NRC personnel.

As a result of this meeting, we were informed that in the near future, a revision to PPI's topical will be submitted. This may impact current ETSB/TMI staff workloads.

A handwritten signature in cursive script that reads "Lawrence G. Bell".

Lawrence G. Bell, Senior Nuclear Engineer
TMI-2 Support

cc: R. Vollmer

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