



LTR3281

Document Control Desk
United States Nuclear Regulatory Commission
Washington, DC 20555

Subject: NRC Public Meeting No. 2001-0210 Eaton Power Plant Control meeting minutes with the NRC

Location: NRC One White Flint N., Room O-8B4 11555 Rockville Pike, Rockville, MD

PRESENT: These presents are:

- 1) NRC Staff: G. S. Shukla (1), Eric J. Lee, E. C. Marinos, Paul Loeser, Pascal Regnier, Michael E. Waterman (2), Keith Mortensen, S. Dembek, Matthew. Chiramal, and Mr. Jose. Calvo (3)
- 2) EATON Power Plant Control: Paul Stankiewicz, Sam A. Yousif (4), David Kulp, William Herrity, Thomas A. Perkins, Richard Magner
- 3) Public: Leslie Collins (Westinghouse), David Herrell (NPR Associates)

The above Public Meeting was held upon a request from Eaton for the purpose of providing the US NRC Staff with an overview of the Eaton Plus 32 Digital Distributed Control System. Focus of the Eaton Presentation was on the hardware and software design, testing, qualification, software V&V, standards, and procedures. The overview was presented in support of Eaton desire to generate and submit a Topical Report (TR) addressing its Plus 32 System for the US NRC Technical Reviews.

Presented below are the minutes of the meeting:

- 1.0 Eaton overview consisted of extensive eight segments, 147 slides. All Eaton attendees participated in the presentation of these segments. Hard copies were made available for the convenience of the Staff. The overview was supplemented by sufficient visual aids that are specific to Plus 32 Design.

(1) Mr. Shukla was appointed by the NRC as the NRR Program Manager for Eaton activities, He can be reached at (301) 415-8439

(2) Mr. Waterman was appointed by the NRC as the NRR/DE/EEIB Technical Reviewer for Eaton activities, He can be reached at (301) 415-2818

(3) Attended and substantially participated in roughly 60 % of the time

(4) Mr. Yousif is the Eaton Lead and single point of contact, He can be reached at (203) 731-9514

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- 2.0 NRC Staff, throughout the presentation, asked very penetrating questions, and initiated some robust discussions. Eaton staff was able to provide satisfactory answers to the extent required.
- 3.0 The Presentation started at 10:10 AM and ended at 4:30 P.M. with a 45 minutes lunch break.
- 4.0 NRC allocated 20 minutes at the end of the overview for scheduling purposes. This resulted in the following:
- a) Both Eaton and the NRC recognize that the Eaton self-imposed goal of submitting the required Topical Report in 8-10 weeks is aggressive,
 - b) NRC indicated to Eaton that some internal (to the NRC) scheduling changes may be required in order to support the above Eaton goal,
 - c) Eaton indicated that they desire to have the NRC review results by November 2001.
 - d) NRC indicated that if the Eaton submittal of the TR under oath and affirmation was adequately supported, the November date is a possible target date for a completion of the NRC reviews, or as a minimum NRC will be able to publish an interim review of the Eaton Plus 32 TR submittal
 - e) NRC recommended that Eaton gives serious considerations to Guides provided by the NRC Standard Review Plan, and EPRI TR-107330
 - f) Upon request from Eaton; the NRC estimated an initial budget of 2000 man-hours should be allocated by Eaton for NRC reviews of Eaton TR. NRC agreed that a formal quotation will sent to Eaton soon after the meeting minutes are published.

The above concludes the NRC Public Meeting No. 2001-0210 minutes.

Sam A. Yousif principally prepared the above minutes.

Sincerely,



Sam A. Yousif
Component Qualification Manager

Cc: G. S. Shukla, Michael E. Waterman, NRC