

Gathering and Social Time while ordering beverages and dinner selections





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Mike Galgoczy, CLE AIChE Chair, introducing Bob and Don for their evening presentation



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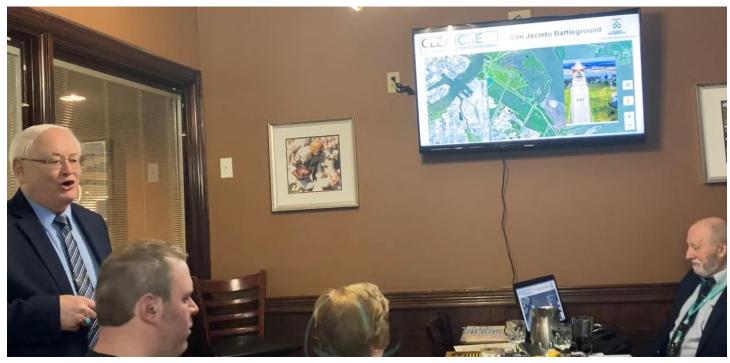


Mike Galgoczy, CLE AIChE Chair, introducing Bob and Don for their evening presentation







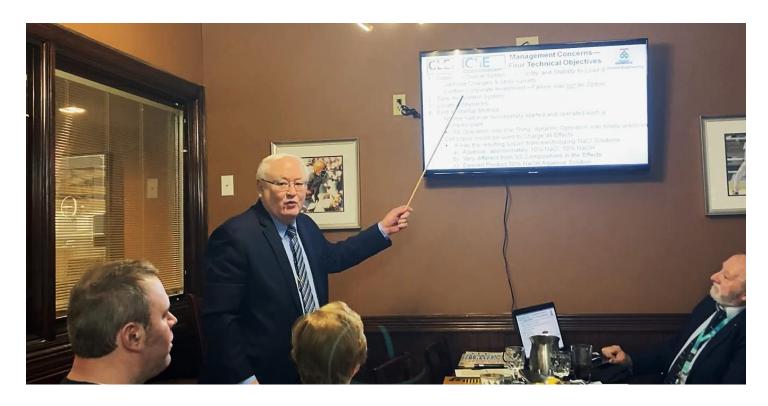


Bob Fowler giving an intense description of the requirements for a Dynamic Simulation of a Quadruple Effect Evaporation System with Fortran IV operations during process startup

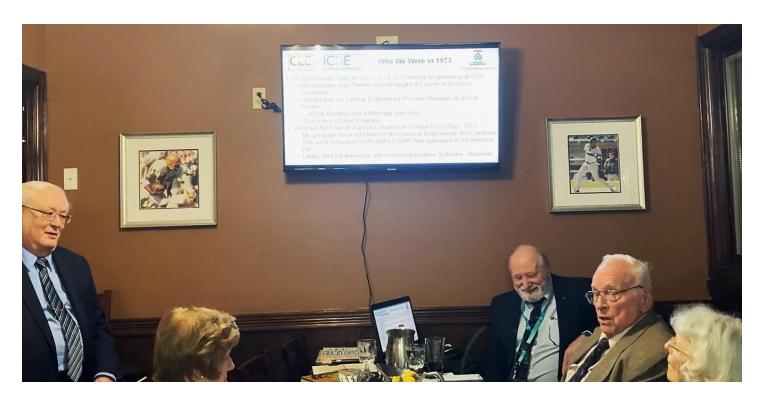


Quadruple Effect Evaporation Process Dynamic Simulation with Fortran IV During Startup









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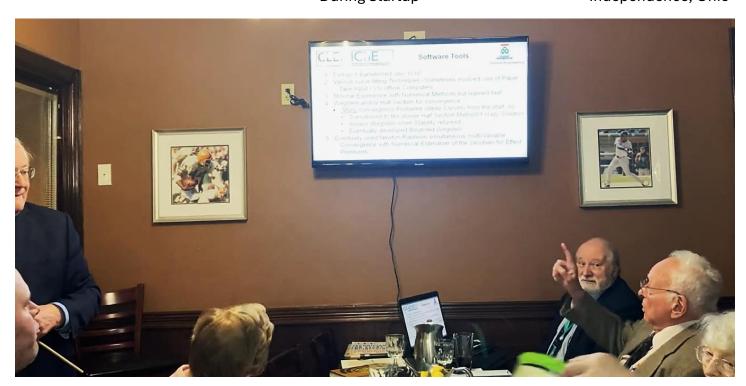








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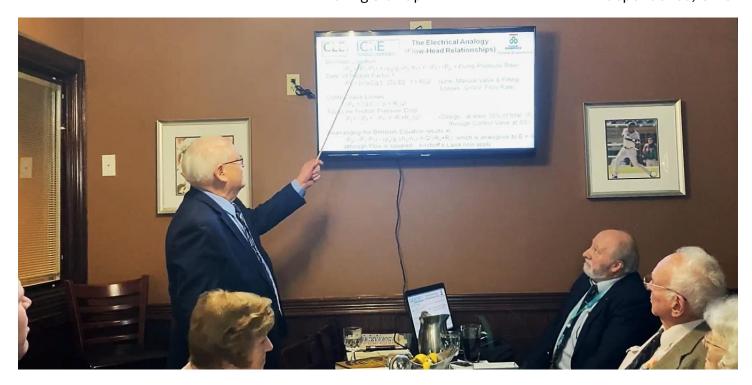




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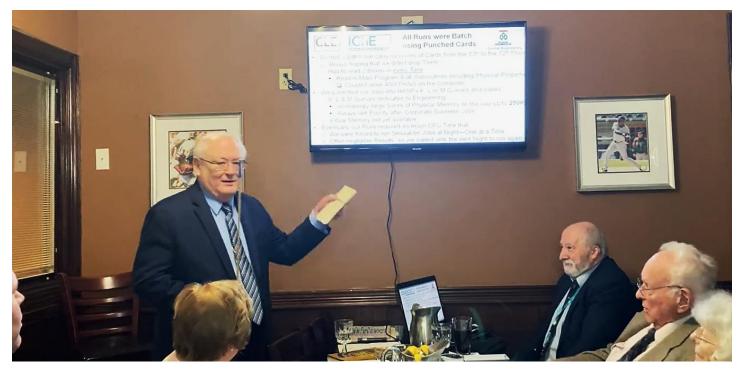




Quadruple Effect Evaporation Process Dynamic Simulation with Fortran IV During Startup







Bob introducing the guests to an IBM Punch Card from 1973



Don introducing the guests to how long half the program punch card deck was that fell onto the floor



Bob and Don settling a dispute of who dropped the punch card decks onto the floor

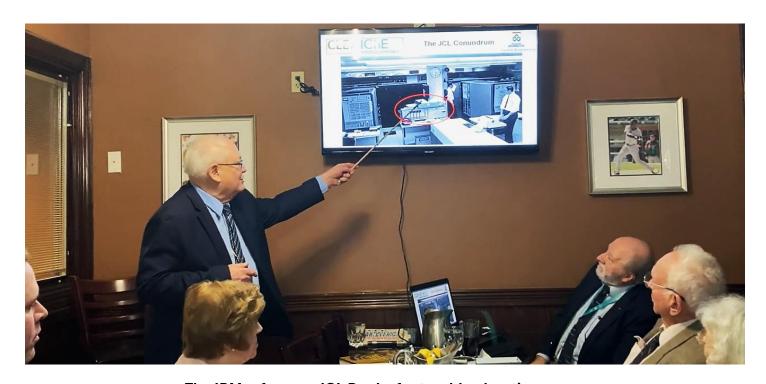


The Punch Card, Card Reader, and Printer machines available in 1973 for this project



Bob introducing the guests to a typical size of a printout single sheet of paper.

Their program printout was about 9 inches thick of these 18 inch wide by 12 inch long sheets



The IBM reference JCL Books for trouble shooting errors



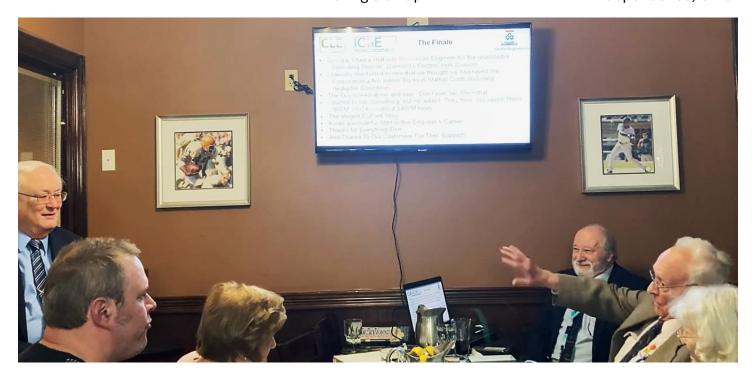
Another "Spoiler Alert" caught in the act during the presentation



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Presentation conclusion and thank you!



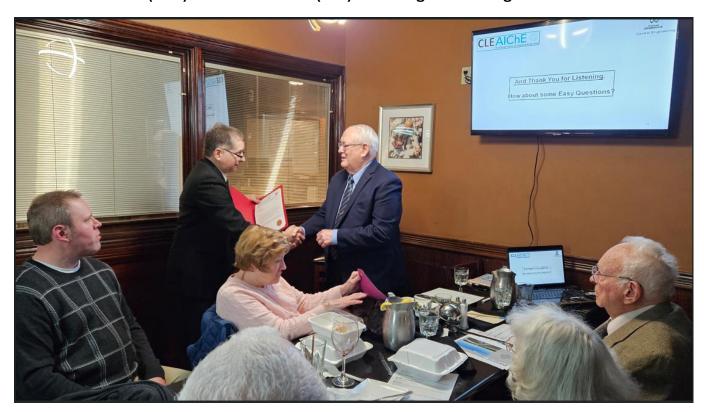
How about your next presentation of the Deer Park PVC Project from your CEP publication in 1978?



A fine presentation concludes after revisiting a very successful project completion of 1973!



Mike Galgoczy, CLE AIChE Chairman, presenting appreciation letter to Bob Fowler with Carol Fowler (wife) and Scott Fowler (son) attending the evening event.





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Joe Yurko, CLE AIChE Newsletter Editor, presenting appreciation letter to Don Harvey with Carol Harvey (wife) and Don Harvey, Jr. (son) attending the event.

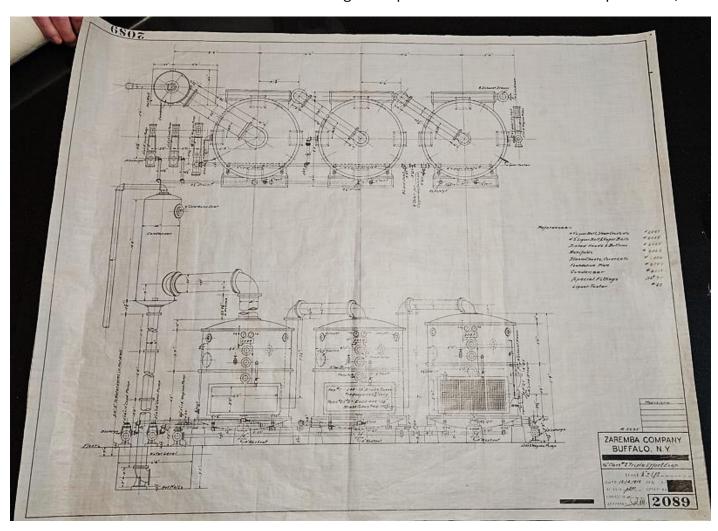


Joe Yurko, CLE AIChE Newsletter Editor, presenting appreciation letter to Don Harvey with Carol Harvey (wife) and Don Harvey, Jr. (son) attending the event.





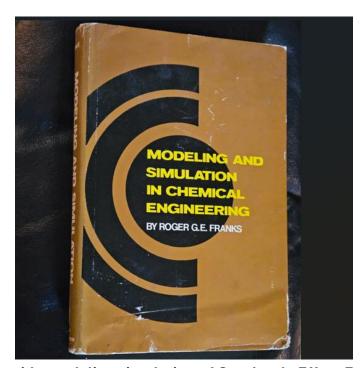
Thank you for attending this evening's presentation and have safe travels home tonight.



Zaremba Company Mechanical Elevation Drawing of Triple Effect Evaporation Process, circa 1910



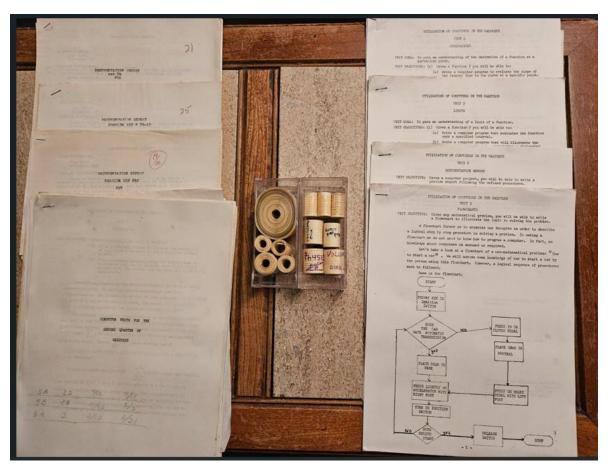
Zaremba Company Mechanical Elevation Drawing of Triple Effect Evaporation Process, circa 1910



Franks Textbook helped guide modeling simulation of Quadruple Effect Evaporation with Fortran IV



IBM 360 Punch Card Decks for Fortran IV Programs, CSU circa 1978



IBM 360 Punch Tape Rolls for Basic Programs, CCC Calculus, circa 1974





Typical Instruments available for calculations

Top to Bottom:

- 1. Pickett Yellow Slide Rule (circa 1973)
- 2. Radio Shack TRS-80 Computer (1980)
- 3. Hewlett Packard HP-11 (circa 1982)

Typical course books available for Fortran IV

Left to Right:

- 1. FORTRAN for Engineering (circa 1972)
- 2. Numerical Methods with FORTRAN IV (1972)