



# NEWSLETTER

FEBRUARY 1979

## 1978 ANNUAL MEETING

The official registration for the PNWIS-APCA annual meeting, held at the Portland Hilton Hotel, November 8-10, shows 113 full registrations, 26 spouses, 54 day and 15 student registrations. A total of 28 papers combined with a good technical forum provided a well balanced technical program of varied interests.

President Janet Chalupnik opened the meeting Wednesday afternoon with a warm welcome to all participants, and moderated the plenary session, "Where are we on Power Development in the Northwest?"

Jack Robertson, Regional Representative, Region X, U. S. Department of Energy, stated that energy requirements extrapolated from experience of the past 25 years is no longer valid. A regional forecast should be developed with full public input. We should concentrate on an on-going program of plan development and this program should be carried out by the governors of Idaho, Oregon and Washington. The regional energy requirement forecasting should be performed by coordinating forecasting of the individual states.



PNWIS President  
Janet Chalupnik



Jack Robertson



Fred Adair

Fred Adair, Acting Director, Washington State Energy Office, said that construction of presently planned thermal generating plants will not preclude conservation and the use of nuclear power plants is a must. Additional turbines at dams will increase instantaneous capacity, but not the assured level

of hydroelectricity. Some of the plants now planned will not come on line on schedule. Full scale plants using renewable resources must be constructed in order to confirm the design.

Kurt Yaeger of the Electric Power Research Institute stated that we will continue to depend heavily upon fossil fuels, but he predicted that by the year 2000, no oil or gas will be used. Water use and waste disposal problems have led to research in dry scrubbing to reduce SO<sub>x</sub>, and such control systems will be available in the next 5 years. The use of ammonia in NO<sub>x</sub> control may double ammonia production in power plant areas by the year 2000. Improved results of flue gas scrubbing will be accomplished by improving coal cleaning processes. Environmental controls account for 50% of the cost of a power generating plant.



Kurt Yaeger



Don Dubois

Don Dubois, EPA Administrator for Region X, said that meeting energy needs here in the Pacific Northwest is environmentally possible. Utilization of wood wastes must be developed to reduce slash burning which is polluting as well as wasteful. Solar space heating for residential use is better here in the Northwest than in other parts of northern United States. Dramatic results are achievable by energy conservation. Power generating plants must be located so that there is enough unused assimi-

lative capacity remaining in the air to allow for the industry which the power plant is to serve.

The theme of energy was carried on in the Wednesday evening Technical Forum, with the subject "Northwest Energy-Emissions and Regulations". The Forum was moderated by Rick Reid.



Rick Reid Moderates Technical Forum

At the President's Luncheon on Thursday, Don Adams presented the President's gavel to Janet Chalupnik.

Serge Dobko, General Chairman of the 1979 Annual Meeting was introduced.

Gil Hamlin, APCA Executive V. P., was introduced. Gil fills the job left by Lew Rogers who has retired.

Bill Slater was presented with the undergraduate award in the Student Paper Competition. Bill attends Washington State University.

Mike Ruby of University of Washington, received the graduate award in the Student Paper Competition.

Allan Mick was presented the "Black Bent Banana" for being the PNWIS member traveling the greatest distance to the annual meeting. Al was recently transferred from Portland to Atlanta, Georgia.

