

# Skywriter

# 1969



**FOR DESALINATION** — From left, Joe Welch and Lou Borvath with artistic conception of combination nuclear reactor power plant and multistage distillation desalination plant which could utilize thin plastic film in heat exchange. This was subject of the patent issued to them.



**UTILIZATION** — Richard D. Oldenkamp shows how AI's sulfur dioxide removal process might be adapted to a typical already existing large central station coal-burning power plant.

## STEAM GENERATOR TEST UNIT MAKES BIG SPLASH



**TESTING AT BURLINGTON** — Water up to 1,000 gallons of steam passes through test steam generator, tests and John McFarland watch. Test unit used to evaluate design of the engineering design for reactors to follow.



**THIS THEY'LL SEE** — Canoga Park science students, from left, Donald Micham, Damon Patsios, Hillary Saul and Steve Gottschalk, learn from AI's Felix Owen what they'll see on National Science Youth Day high school tour of Atomics International facilities, on March 8.



**NEW POWER BY SPACE** — Left photo, AI's Don Mason and ADG's W. L. Fox. Fox reactor capable capacity of 100kW, compact miniature mobile nuclear reactor which has operated at 1,000 thermal kilowatts for more than 400 hours in various test chambers at Ames Research Lab. On right is artistic concept of refueling manned space station, with power supplied by a compact reactor similar to 100kW, in orbit's beyond the earth. Four other reactors in flight configuration. Automatically control work and live in bottom third of eight foot long, 10 inch diameter, 100 lb. Apollo-type transport can for various kinds of aircraft.



**GALLIE GROUP AT AI** — Senior representatives of French Atomic Energy Commission (CEA) tour AI facilities. From left, Maurice Pascal, Industrial Affairs director; Bertrand Goldschmidt, Programs/International Affairs director; Jean Daud, French Embassy attaché in Washington; Robert Hirsch, chairman.



**SEARCH** — Dr. William Parsons, director of Research and Technology, AI, and Dr. Wendell van Brunt, director of NASA's Marshall Space Flight Center, discuss advances in research at luncheon meeting, Industrial Research, Inc., named new Branch, "Man of the Year." (See page 7 for photo story of research.)



**HONORED** — For his "high degree of proficiency in management of nuclear materials," AI's V. J. Schaubert receives plaque from Institute of Nuclear Materials Management. He is the first one at the division to be so honored. He joined company in 1955.