POWER NEWS

BUSINESS ITEMS • APPOINTMENTS • FOREIGN FIELDS • WASHINGTON NOTES • NEW DEVELOPMENTS • CONVENTIONS

Conference on Nitrogen Removal From Natural Gas

► PRACTICAL AND ECONOMICAL METHODS of removing excess nitrogen to improve heating qualities of natural gas and permit recovery of other salable hydrocarbon products were discussed in Amarillo, Texas, during a recent 2-day conference of nearly 100 gas engineers and executives of operating and research departments of major gas-pipeline and related companies. The conference emphasized several benefits of removing excess nitrogen from natural gas at its source in the field. Aside from improved heating quality of natural gas, removal of nitrogen would increase capacity of long cross-country pipelines in terms of measured heating units of fuel, eliminate a noncombustible element in natural gas, and allow extraction of such heavy hydrocarbons as propane and butane for separate sale.

Work on the nitrogen-removal problem is being conducted by Bureau of Mines at its Amarillo helium plant. Natural-gas dept of American Gas Assn is cooperating through its technical and research committee.

Power Show to Present Many Plant Innovations

A long list of innovations designed to improve performance of power plants is assured for the 18th National Exposition of Power and Mechanical Engineering, scheduled at Grand Central Palace, New York, N. Y., Nov 29 to Dec 4. This is made known through filing of plans for their exhibits by a substantial number of manufacturers who have already contracted for space.

Among the new developments that visitors at the exposition will see is a 2000-hp fluid drive capable of pumping a million pounds of water an hour into a high-pressure boiler. Another exhibit will feature a type of steam-turbine centrifugal marine boiler-feed pump that is said to have made an almost clean sweep in tankers since its intro-

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Insulating Glass Performs Double Duty at Utility

At Industrial Canal Station of New Orleans Public Service, insulating glass keeps window, in the wall separating control and turbine rooms, free from condensation and kills machinery noise. Also, plant engineers and visitors have full view of working turbines and generators. Specified for the installation was Thermopane, an insulating glass made by the Libbey-Owens-Ford Glass Co. Double panes of plate glass, with sealed dehydrated air space between, make up the units for the installation. Temperatures on one side of the window wall range 95 to 110 F, while on the other, where air conditioning is employed, the temperature is normally 73 F

COMING EVENTS

Nov 3-4—American Society of Mechanical Engineers, fuels div meeting, held with American Institute of Mining Engineers, Greenbrier Hotel, White Sulphur Springs, W. Va. O B Schier, 29 W 39th St, New York 18, New York.

Nov 3-5—American Institute of Electrical Engineers, southern district meeting, Tutwiler Hotel, Birmingham, Ala. H H Henline, secretary, 33 W 39th St, New York 18, N. Y.

Nov 28-Dec 4—American Society of Mechanical Engineers, anaual meeting, Pennsylvania and New Yorker Hotels, New York, N. Y. Ernest Hartford, executive assistant secretary, 29 W 39th St, New York 18, N. Y.

Nov 29-Dec 4—18th National Exposition of Power & Mechanical Engineering, Grand Central Palace, New York 17, N. Y. Charles F Roth, manager, Grand Central Palace, New York.

Dec 5-8—American Society of Refrigerating Engineers, meeting, Statler Hotel, Washington, D. C. W S Woodside, 801 Whittaker Bldg, Baltimore, Md.

Jan 10-14—Third National Materials Handling Show, jointly sponsored by American Society of Mechanical Engineers and Material Handling Institute, Convention Hall, Philadelphia. Banner & Greil, 250 W 57th St, New York 19.

Jan 24-28—International Heating & Ventilating Exposition, International Amphitheatre, Chicago, Ill. Charles F. Roth, manager, Grand Central Palace, New York 17, N. Y.