

the Wheelagram



Materials Cleaning Systems Division
Wheelabrator-Frye Inc.

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DRYING PROCESS IS NEW WAY TO BUDGE SLUDGE . . . Sludge. Even the very name conjures up the gooey, grey, semi-liquid residue that's left after pollution control devices have cleared the air above power plants and mills.

But sludge just sits there in pools, even after it has been partially dried up, and the wet scrubbing process that creates it has proved to be even more hugely expensive than the electric power industry imagined when it started to come to grips with ever-tightening pollution laws.

There is, however, another way, according to a recent article in the *Pittsburgh Post Gazette*. A joint venture comprised of two neighbors at 600 Grant St., Pittsburgh — our **Air Pollution Control Division** and Rockwell International Corp., has just landed its second contract for a process that creates dry sludge.

Well, not quite. Instead of sludge, the by-product of wet scrubbers, the Wheelabrator-Rockwell effort produces a dry powder that may find use as landfill or possibly even roadbed material.

The contract for the system, already under construction at a Celanese Fibers Company plant in Cumberland, Maryland, represents the first industrial application of the dry sulfur dioxide removal process.

The significance lies in the fact that the nation's energy shortage is forcing the conversion of more industrial boilers to coal. And the nation's pollution laws will require that the emissions from those coal-fired boilers be clean.

So there's a whole market out there if the joint venture can make the Cumberland system and a much larger dry scrubber for a utility in North Dakota work.

So far, the dry scrubber process won't be economical for high-sulfur-content coal, the kind that abounds in Appalachia.

That's because much large amounts of the alkali reagent — either lime or sodium carbonate — would be required to absorb the sulfur dioxide.

Depending on which reagent is used, the cost varies between \$50 and \$80 a ton, compared with about \$15 a ton for the reagent for wet scrubbing.

That's enough of a difference to make wet scrubbing more economical for high-sulfur coal.

(Continued on back page)

WE'RE STILL LOOKING! Still looking for **NEW IDEAS FOR THE 1980's**. Several weeks ago we asked for your input for new ideas — new applications and new markets for Wheelabrator equipment and products — new products which would be compatible with our overall company activities. The deadline has been extended — contact Marketing Manager **Bob Riordan** on ext. 455 **NOW!**

SERVICE ANNIVERSARIES . . . Stanley "Boots" **Dworecki**, Lab Technician-Demonstration, currently on sick leave, marked 15 years of service August 27; **Ronald F. Wachs**, Programmer Analyst-MIC (15 years, September 3); **Eddie J. Russell**, Stocker Crane-Material Handling (10 years, August 26). Congratulations to all!

NEW FACES . . . We welcome: **Sheldon E. Lee**, Arc Welder-Steel Fabrication; **Larry S. Campbell**, Drill Press-Light-Machine Shop; **Dorothy J. Nesbitt**, Drill Press-Light-Machine Shop; **Margaret V. Smith**, Drill Press-Light-Machine Shop; **Matthew J. Balint, Jr.**, Plant Laborer-Machine Shop.

ON CAMERA . . .



In for the recently-held Jim Thomson festivities was West Central Region's Secretary **JEANNE O'GRADY**, shown here sharing a few moments with none other than **ARDEE FREEMAN**.

(Continued from front page)

In the Wheelabrator-Rockwell system, the reagent is dissolved in water and sprayed as a fine mist into the flue gasses just before the gasses pass through a fabric filter. Then the dust, along with flyash, is deposited on the surface of the bag, just like your Hoover vacuum.

APPOINTMENTS & PROMOTIONS . . . Gina Enders, Sales Trainee, has been assigned to the position of Regional Supply Supervisor-Repair Parts Department.

Thomas Hoffman has been appointed to the position of Industrial Engineering Supervisor-Manufacturing Engineering. Tom comes to us from General Electric where his most recent position was that of Advanced Manufacturing Engineer for the startup of a new motor plant in Owensboro, Kentucky.

Gina and Tom: Good luck in your new assignments!

On The SPORT SCENE...

HITTING THE LINKS . . . In first place, after 12 rounds of play is Team 8 (**B. Shultz, J. Ankney, J. Stull, B. Truex**). First Team Low Net (130) Team 8; First Team Low Scratch (160) Team 12 (**J. Baker, R. Hullinger, S. Sinderson, L. Cookie**); tie for Individual Low Net (28) **H. Breske, D. Wilson**; First Individual Low Scratch (33) **H. Breske**.

JOIN SPORTS ILLUSTRATED RACQUETBALL CLUB AT REDUCED RATES:

	NORMAL RATE	REDUCED RATE	SAVE
Single	\$60	\$25	\$35
Family	\$90	\$40	\$50

Contact **Will Glusac**, ext. 545 or **Dave Schroeder**, ext. 296.

ATHLETIC ASSOCIATION REPORTS . . .

IT'S FREE! IT'S FREE! Family Skating Party **Monday, September 10, 7 to 10 PM**, at USA United Skates of America, 3909 North Main Street, Mishawaka.

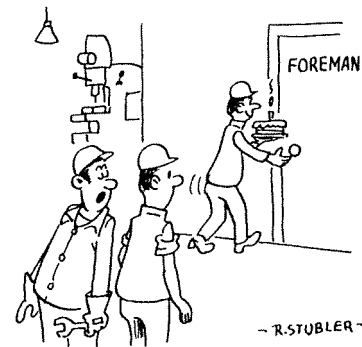
OLD TIMERS TO TAKE THE MOUND — At the annual employees only Wheelabrator Old Timer Game, **Sunday, September 16, 2 PM**, Rose Park's South Diamond. Refreshments. Another "freebie" sponsored by our Athletic Association.



UNITED WAY FAMILY DAY — A Gigantic Community Picnic — will kick off this Fall's United Way community campaign.

The event is scheduled for **tomorrow at Potawatomi Park** starting at **11 AM**.

Bring your family to the festivities which will feature entertainment throughout the day — food (for sale) or bring your own picnic basket, if you wish — a 1 PM Official Kick Off at the band shell — United Way Agency information displays — softball tournament — band music.



"He's very skilled in the art of personnel relations."

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