

uniform flat piece of soil, each pointing towards Washington and all of us stretched or compressed to 5'10" (sorry 1.778 m) and 160 lbs (oops 725.76 kg). But at least it made me feel better.

First down and 9.148 m to go.

Good-bye Cruel, Cruel World.

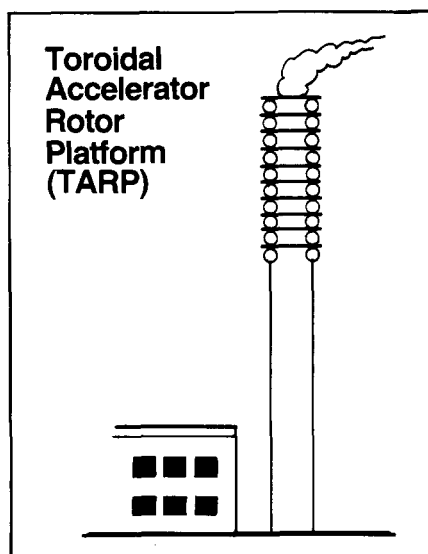
J. W. Robinson

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Wind Energy

Dear Sir: We wish to express our sincere thanks to *ES&T* for presenting the TARP WECS to its readers, ("Currents" *ES&T*, August 1979, p 905). However, I would like to clarify two important points.

First, the Toroidal Accelerator Rotor Platform (TARP) is not simply another variation on the windmill. Rather, the TARP represents a unique design in that its structure specifically serves a multifunctional, hence im-



portant, resource-conserving and economizing role as part of the energy system. TARP is thus highly suited for economical, environmentally sound, and practical widespread application including interface with tall emission stacks for energizing electrostatic precipitators.

Second, the TARP rotors should be illustrated at 90 degrees or greater (rather than less as shown) from the free-stream stagnation point on the TARP. This is significant in that it features free-yaw rotor stability which is supported by recent wind-tunnel tests at Rensselaer Polytechnic Institute.

Alfred L. Weisbrich
Eneco
Windsor, Conn. 06095

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To provide the theoretical basis and coordination for work done by the Air Quality Branch in atmospheric dispersion technology. You will direct the evaluation of existing and proposed air quality legislation and standards as they apply to the operation and design of TVA power plants. You should have a broad general knowledge of fluid dynamics, advanced math, atmospheric processes, air quality regulations and computer modeling. You should have a PhD or equivalent in atmospheric science, meteorology, environmental engineering or closely related field and at least 3 years experience, or a Master's Degree with at least 5 years related experience.

ENVIRONMENTAL SCIENTIST SD-3

Develop, evaluates, and applies atmospheric dispersion technology for analyses of the regulatory compliance of TVA projects and programs. You will apply and adapt existing dispersion models in compliance analysis studies and in assessment of the effects of existing and proposed governmental air quality regulations on TVA facilities. Familiarity with air quality regulations and a working knowledge of advanced mathematics, physical science, and computer modeling relating to atmospheric processes are required. You should have a PhD or equivalent in meteorology, atmospheric science, environmental engineering, or closely related discipline or a M.S. degree and a minimum of two years' applicable experience.

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To plan monitoring systems for power plants and provide emergency support for operational nuclear plants. You will prepare air quality assessments and revise data for site reviews, safety reports, environmental impact statements and licensing documents. You should have a PhD or equivalent in meteorology or an MS in meteorology and 2 years of related experience. A knowledge of computer simulation will be helpful.

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TENNESSEE VALLEY AUTHORITY

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