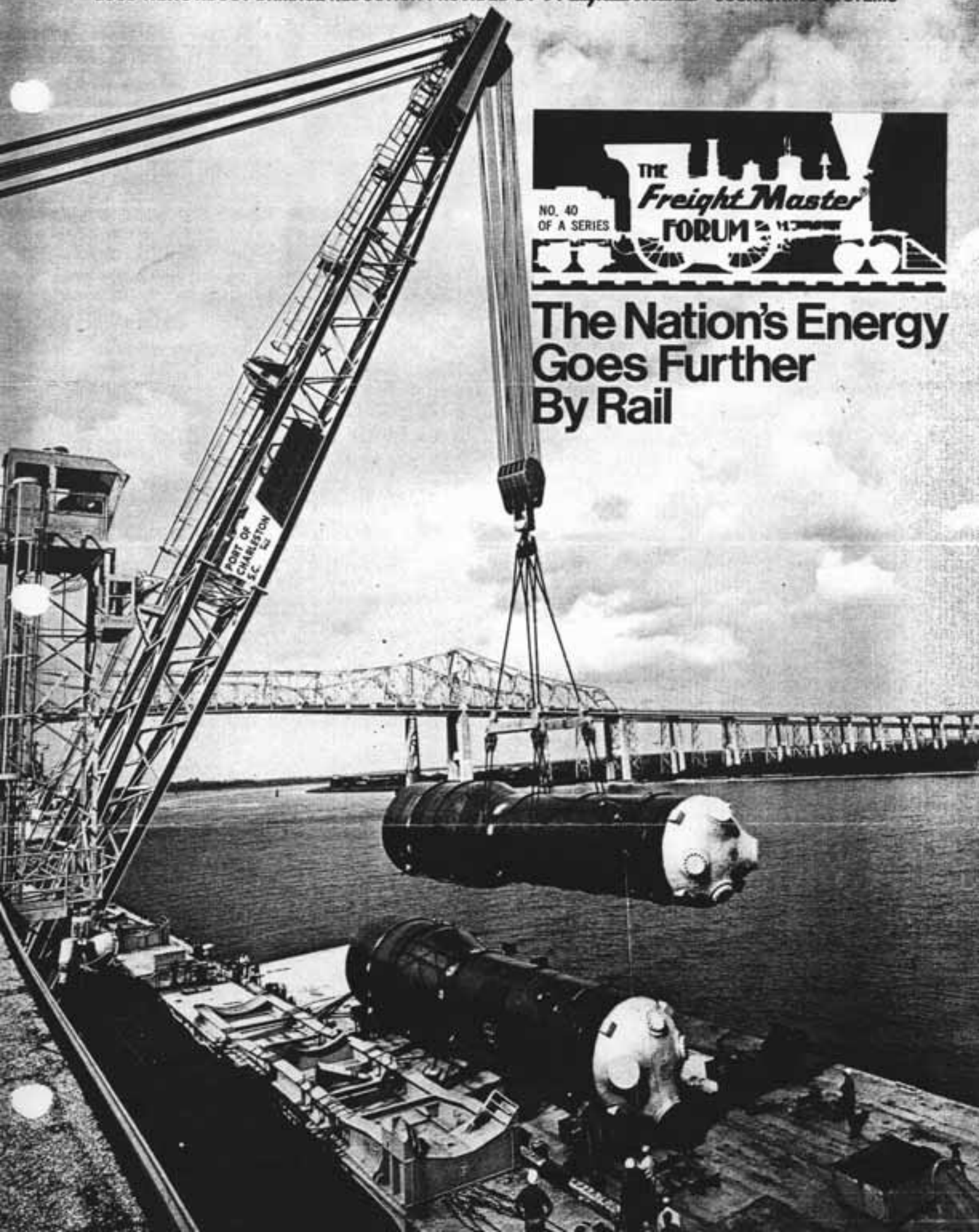
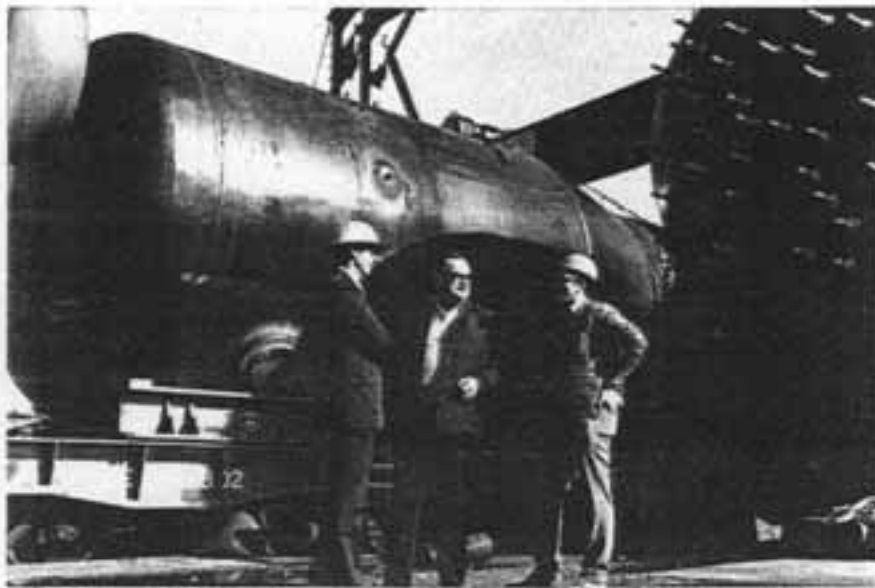


GOOD NEWS ABOUT DAMAGE REDUCTION PROVIDED BY *FreightMaster* CUSHIONING SYSTEMS



## The Nation's Energy Goes Further By Rail





(l to r) T. W. Howe, Jr., FreightMaster District Sales Manager, confers with B. H. Soderquist, Engineer, and T. W. O'Toole, Transportation Administrator, both with headquarters office of Westinghouse Nuclear Energy System in Monroeville, Pa. Nuclear reactor shown at right of photo.

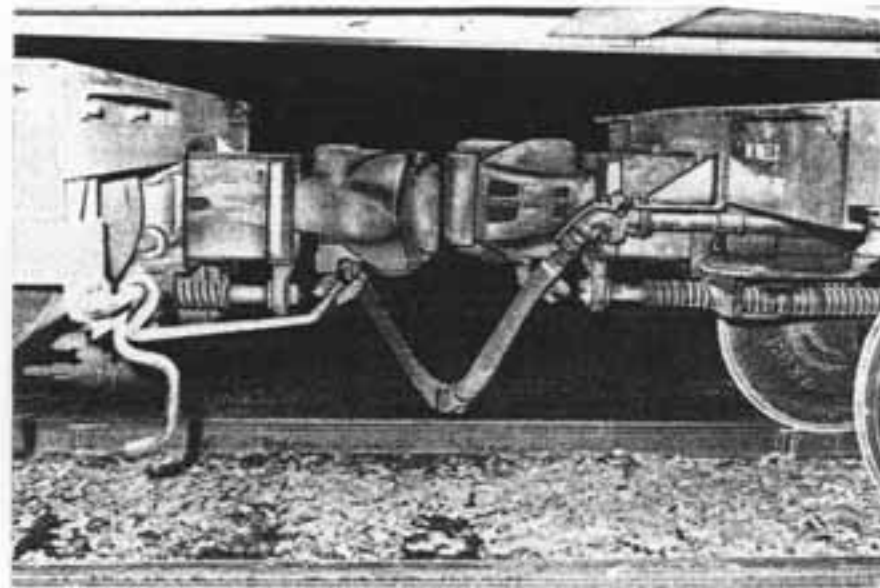
It's a fact! No other transportation mode can move freight overland using less fuel per ton-mile than the railroads.

Not only are the railroads the most efficient users of our precious fuel supplies, their usage for moving freight is the most ecologically sound.

Another example of the railroad industry's contribution to helping reduce our energy problems, is in the transportation of the massive equipment required to generate electricity from nuclear power sources.

Steam generators built by Westinghouse Electric Corporation at their Tampa, Florida plant, were moved by barge to the Port of Charleston, South Carolina where they were transferred to special rail cars for the final movement to a Duke Power Company nuclear electric generating plant under construction

Giant nuclear steam generators are lifted from barge for loading on special flat cars. Cover photograph courtesy South Carolina State Ports Authority.



Load frame spans and joins cars when loaded with steam generator. Note couplers are not coupled under load.

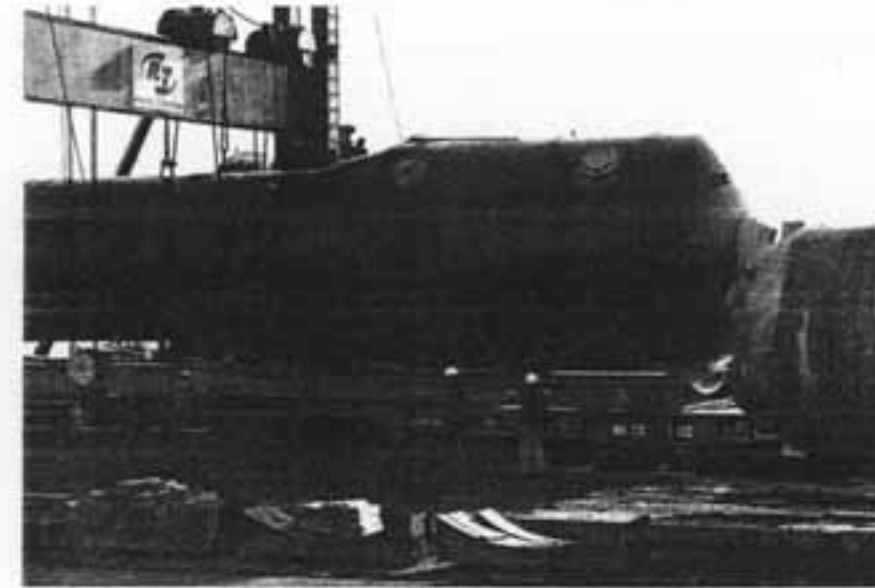
near Charlotte, North Carolina.

Such movements would be next to impossible without the railroads.

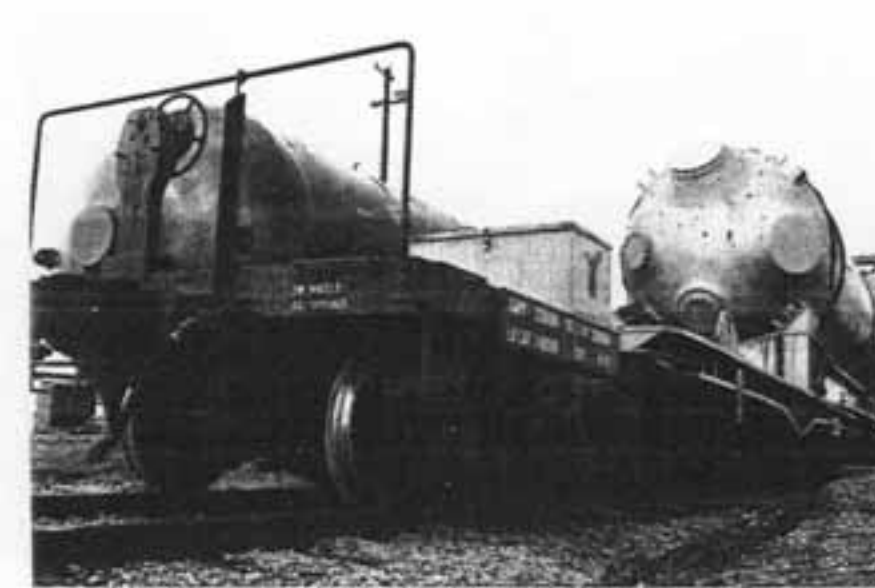
When completed, this and other nuclear electric generating plants will further ease our Nation's dependence on fossil fuel sources.

Westinghouse Engineers worked closely with the car builder, Maxson Corporation of St. Paul, Minn., who designed the special rail cars to move the massive steam generators and other heavy electrical equipment.

FreightMaster® end-of-car hydraulic cushioning units were chosen to help protect the vital cargos moved on their cars and Westinghouse expects these cars to be an essential part of their continuing role of helping solve the Nation's energy problems.



Riggers use "jacking frame" to lift steam generator off car for temporary storage on concrete pad alongside track.



FreightMaster® cushioning unit shown on B-end of 12 axle car.



340 ton steam generator is lifted clear of rail cars.



Under construction (just left of power pole) is structure which will house nuclear reactor and steam generators.

