

ABM-MILITARY & EDUCATION

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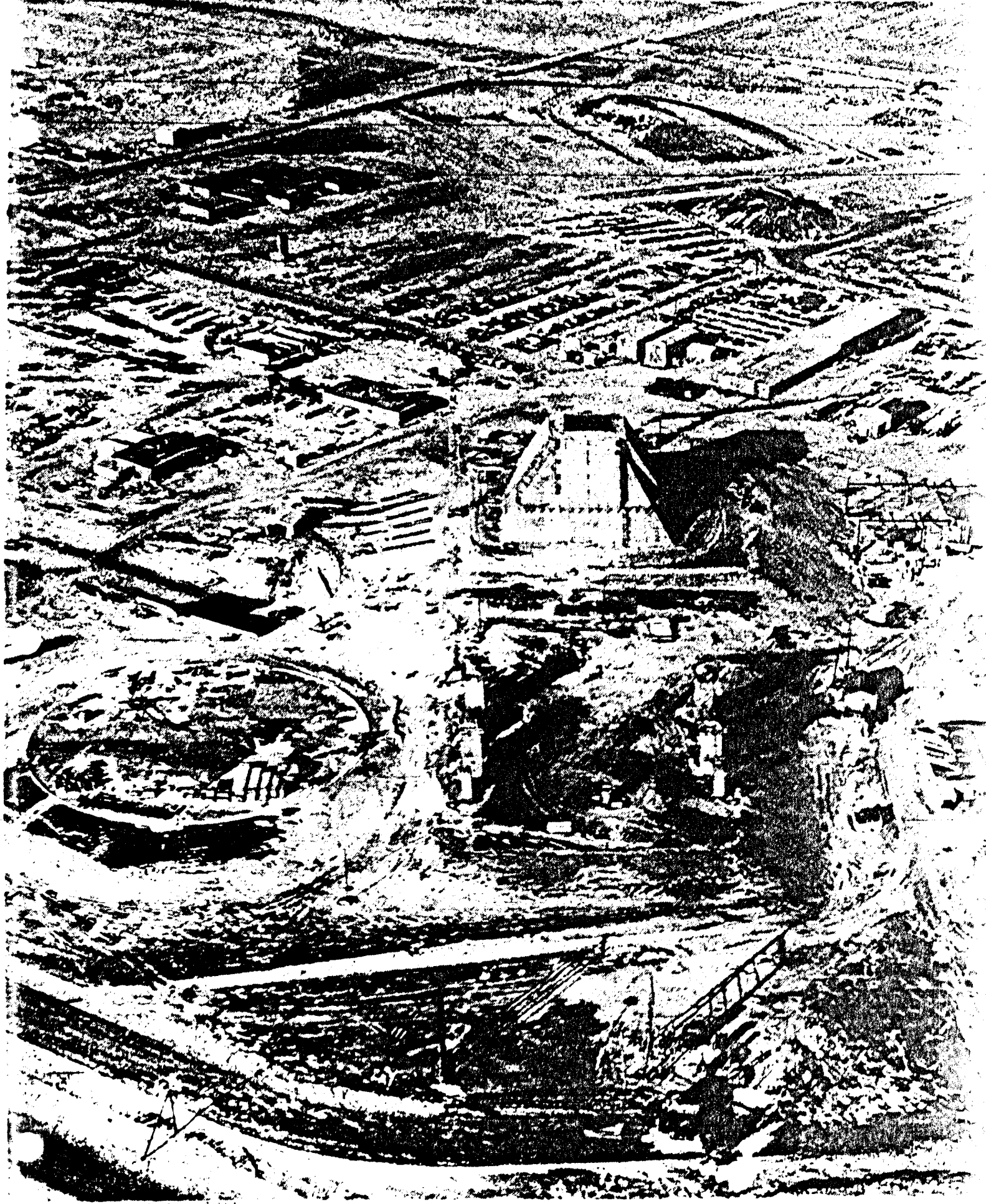
**RIISING FROM WIND-SWEPT PRAIRIE
 OF NORTHEASTERN NORTH
 DAKOTA, THE ANTI-BALLISTIC
 MISSILE SYSTEM HAS
 DAZZLED THE COMPREHENSION
 AND IMAGINATION OF ALL
 WHO HAVE SEEN ITS GROWTH**

THE PERIMETER ACQUISITION Radar facility at Concrete, N. D., appears a site of inactivity. That, however, is not the case. Inside the thick concrete walls, workmen are at their jobs both above and below ground level. There is a beehive of activity as the project nears the transition point that will find the Western Electric workmen taking over from Morris-

son-Knudsen employes as the projects move from physical to electrical construction stages. The PAR site is on some 220 acres and is the facility that will be the first to pick up on its radar screen any incoming missiles. The site, like the Missile Site Radar (MSR) at Nekoma, N. D., will be tactically self-sufficient. (Herald photo by Ken Kleven)



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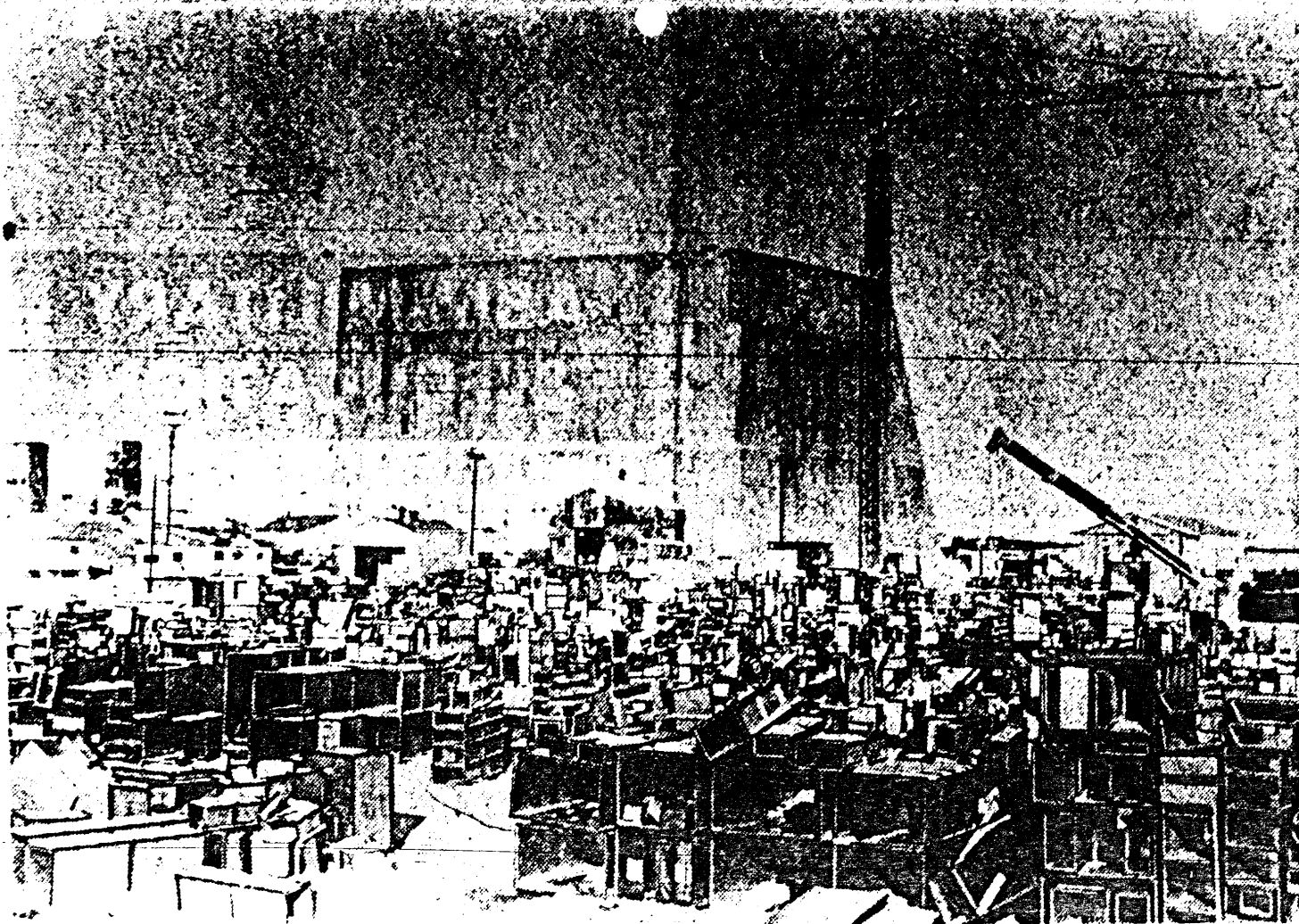
SOME 2,200 WORKERS are at work at the Missile Site Radar (MSR) site near Nekoma, N. D., (above) or the Perimeter Acquisition Radar (PAR) site near Concrete, N. D., this winter behind thick concrete walls. Some 72,000 cubic yards of concrete was used at each of the two sites in foundations, walls and roofs of the buildings. The Nekoma facility was "topped out" with a cement pour Oct. 11

and the Concrete building on Oct. 27. The photo above, by Herald Photographer Ken Kleven, also shows the supportive facilities that make each of the sites tactically self-sufficient. Shown in the upper right portion are the Spartan and Titan missile fields. The complex of mobile homes that formed the Morrison-Knudsen offices before a fire earlier this month destroyed them are shown in the upper



and the Concrete building on Oct. 27. The photo above, by World Photographer Ken Kleven, also shows the supportive facilities that make each of the sites tactically self-sufficient. Shown in the upper right portion are the Spartan and Titan missile fields. The complex of mobile homes that formed the Morrison-Knudsen offices before a fire earlier this month destroyed them are shown in the upper

left. Morrison-Knudsen & Associates have the general construction contract for the two sites; Western Electric, the technical hookup work; Chris Berg, Inc., Seattle, Wash., the non-technical support facilities, the Worrel Inc.-Towne Realty, Milwaukee, Wis., the remote missile sites.



A PORTION OF heat and cooling duct work that will be installed in the Concrete, N. D., ABM site radar building is still stored outside the facility. It will be installed this winter.

The radar buildings at the two sites, which will be self-sufficient, will not have a heating system. Heat for the buildings will instead be taken from the computers and electrical apparatus to be installed. (Herald photo)

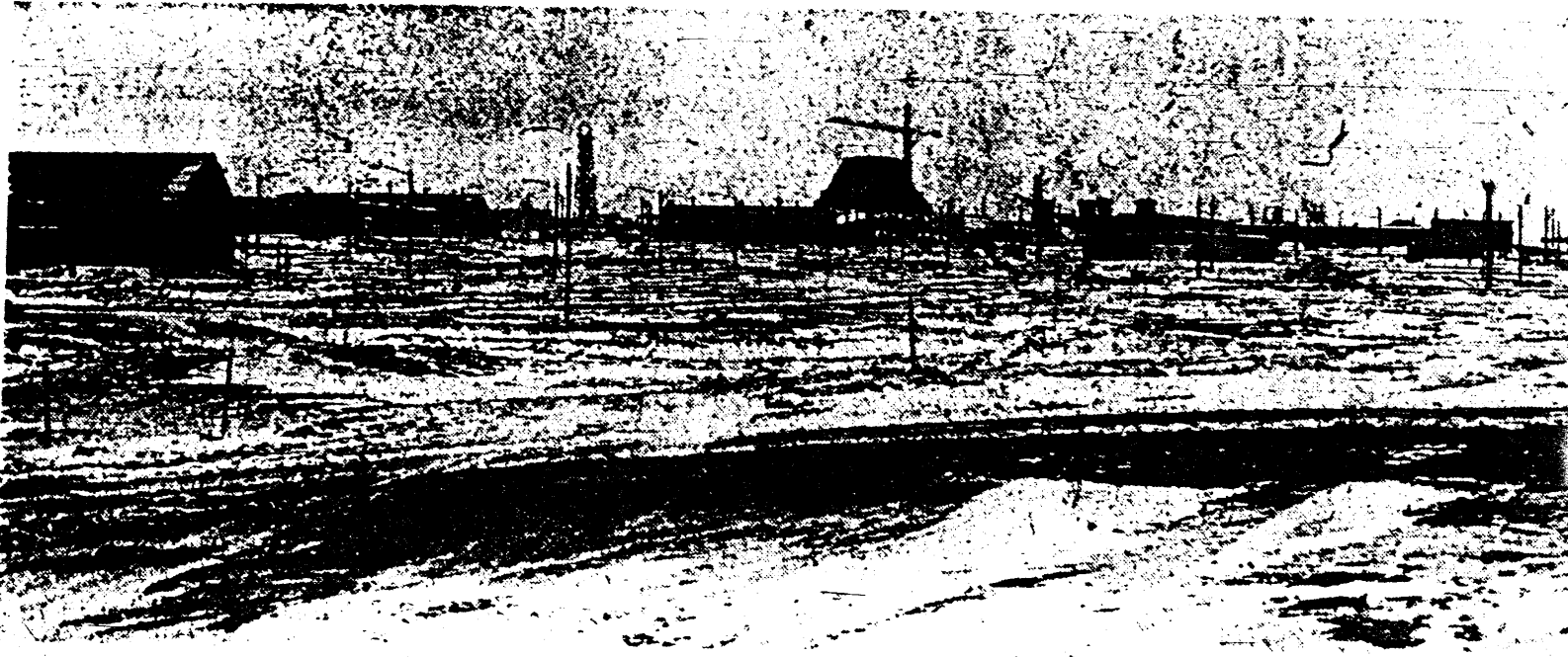
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THE PERIMETER ACQUISITION Radar (PAR) building at Concrete, N. D., will, when completed, be able to detect targets at ranges over 1,000 miles through this single radar face. Its beams are steered electronically, not through the

use of heavy, moving antennas. Instead of a conventional dish-type antenna, the phased array radar has thousands of small antennas built into one large face. The building is about 130 feet high. (Herald photo)

BONN The number of foreign students in West German universities has remained constant at 23,000 in recent years, while the proportion of aliens in the total student population has decreased from 10 per cent in the early 1960s to 6.8 per cent.



THE SUPPORT FACILITIES at the Nekoma and Concrete antiballistic missile sites have been largely overlooked in the excitement of work on the actual radar buildings, but they are just as much a part of work on the two sites. At extreme left is the Nekoma site chapel, behind it is the community center,

to its right the administration building, and to the right, the mechanical and warehouse buildings. Also to be constructed on each site are housing for the men who will live at the sites. The radar building, reaching over 100 feet skyward is in the center background. (Herald photo)

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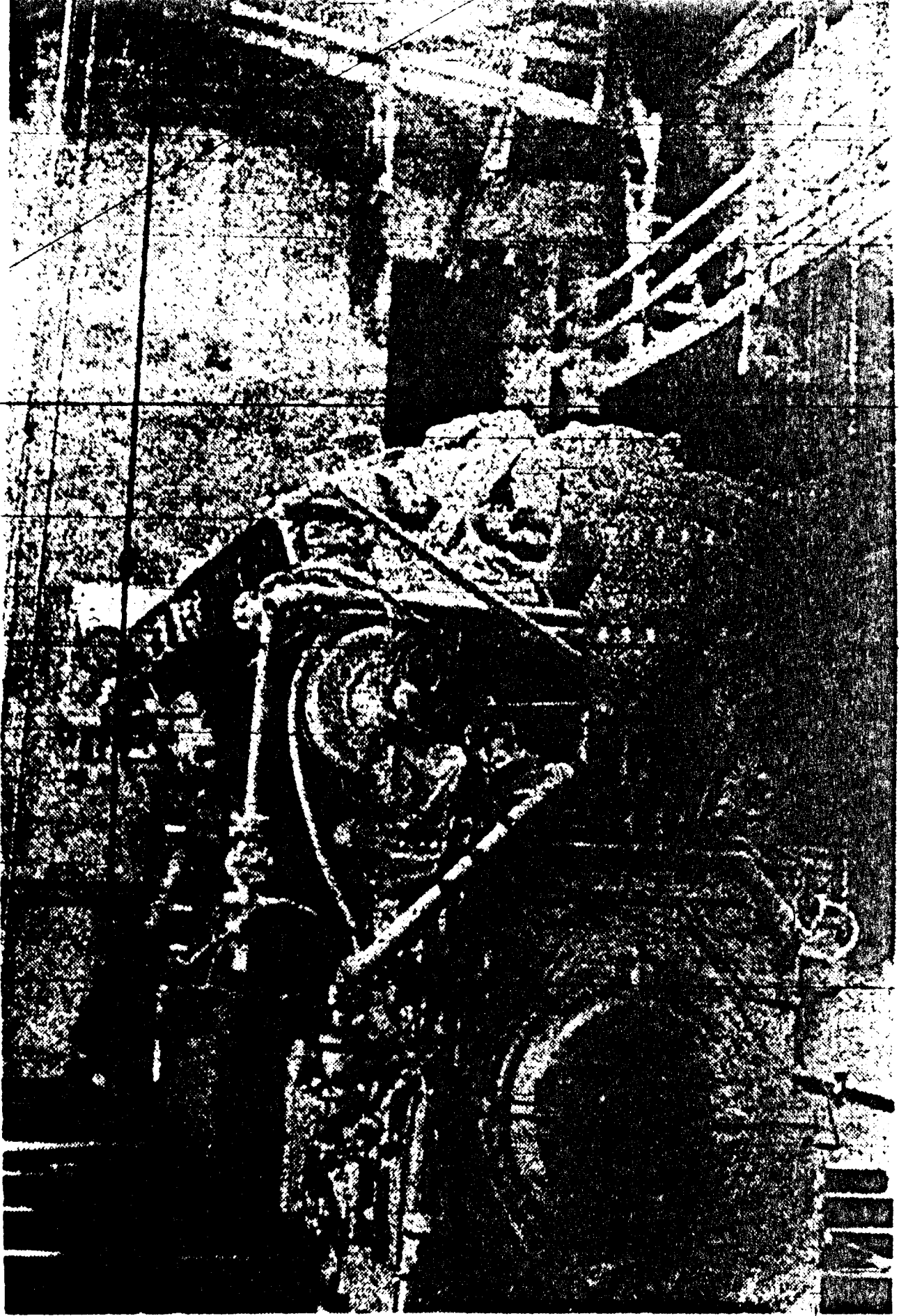
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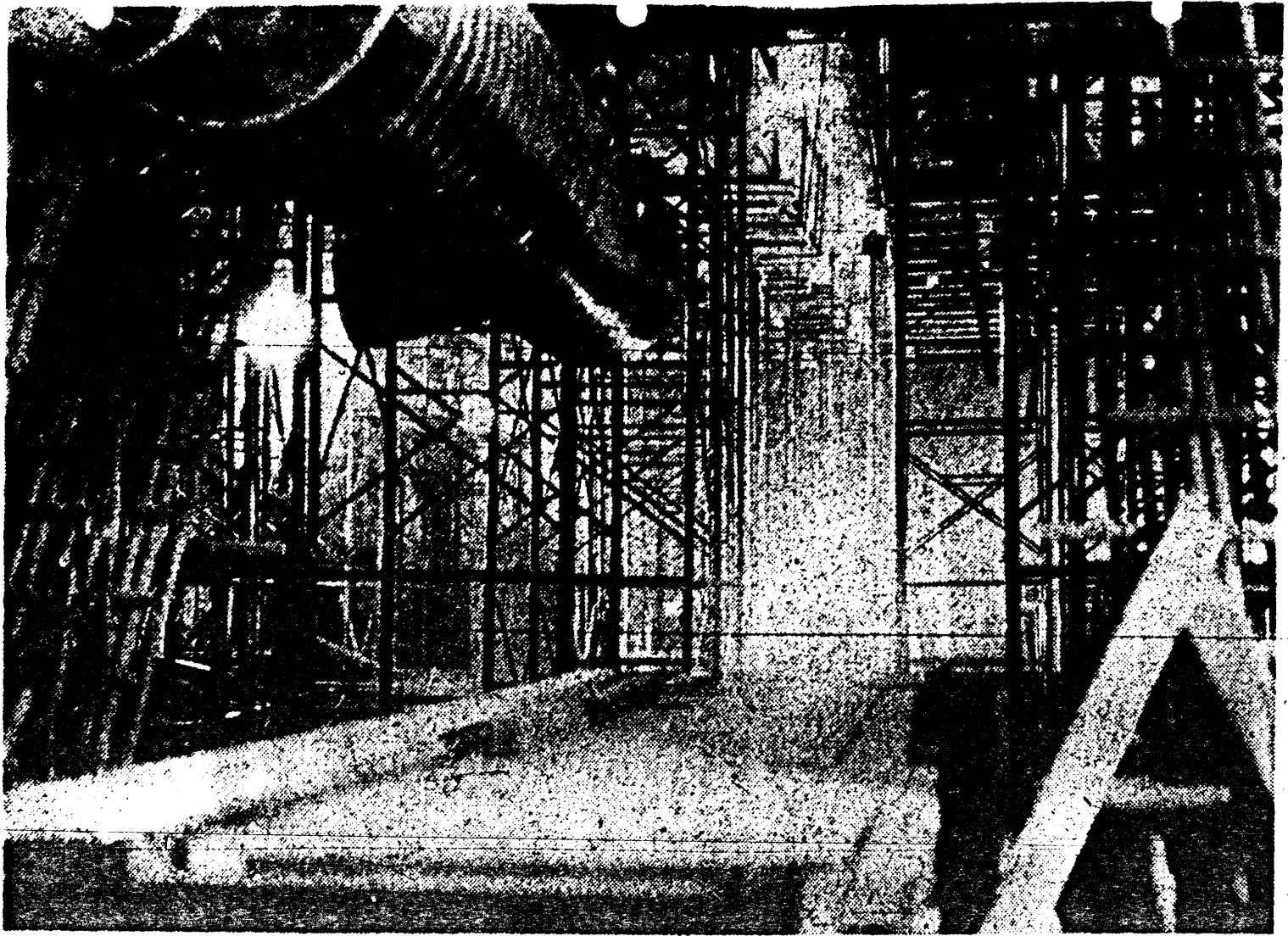
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THIS GENERATOR IS only an example of the large machinery that is going into the underground portion of the missile buildings

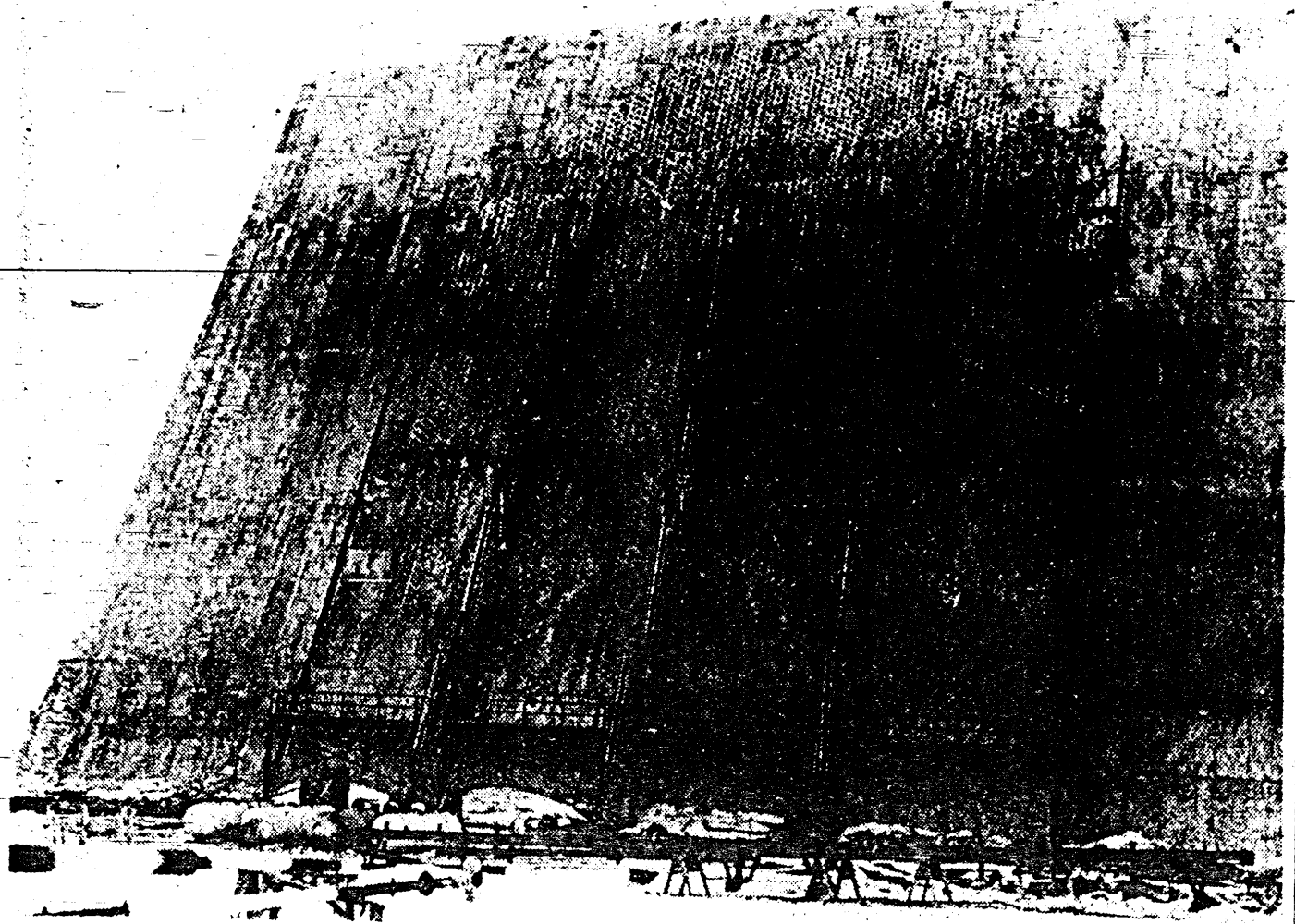
on the sites at Concrete and Nekoma, N. D. Workmen are continuing on their jobs through the winter on the inside of the facilities.



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A MAZE OF STEEL and scaffolding in the upper floor of the concrete site radar building form this scene. This is the area

in which the radar screens for the four faces of the Missile Site Radar building will be erected. (Herald photo)



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PHOTO BY AP/WIDEWORLD

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