

Spinning a New Web

"Structure 394 is down," pilot Jerry Nelson yelled into the handset of his radio shortly after beginning an aerial patrol of the Red Rock-Eau Claire 345 kilovolt transmission line at dawn on July 16.

"How many others are out?" a ground dispatcher asked.

"They're down for as far as I can so. Not until several minutes later was Nelson, under contract from Burnett County Flying Service of Stren, able to complete his report to stummed NSF officials. Every one of the 60 massive structures in a

and Eau Claire was completely destroyed. Four others were severely damaged and ground crews later discovered two more that needed to be replaced.

"We couldn't believe it," said Pat Grant, superintendent of electric distribution and transmission. "We had reports during the night that as many as three structures were

many as three structures were down, but 60 seemed impossible."

As the disbelief turned to sober acceptance, Grant and other NSP officials began planning for the emergency reconstruction of the major transmission line into the East The first step was obtaining a Certificate of Need from the Public Service Commission which agreed to waive the formal procedures normally required. Minnesota-company officials with experience in constructing high voltage lines were called in to coordinate the effort. A private contractor, Midhaed Construction of Dedge Center, MN, was retained to do the actual www.

By the afternoon of the 16th, Midland crews were already in the Menomonic area to begin clearing road crussings and dismanding the weeked structures. The original 14mas compliment was beefed up to 40 workers in seven crews, each tackling a separate phase of the re-

As the structures were being dismantled, right-of-way contacts were made with all the property owners. By July 21, pole hauling started and two days late new structures were being framed. Project directors are being framed. Project directors are twelve-horn shifts, seven days in week, the line will be back in service to the self-imposed deadline of

There must have been terrific wind pressure but we still aren't sare what happened to it." Grant said of the line which has been dependably providing transmission for more than 14 years. We have hired a consulting firm to evaluate that question 50 we can avoid future distension 50 we can avoid future distension 50 merces.





