

Mr. Kicket - 117

subject: PBX Systems - 800A/801A PBX's - No. 1 ESS
CO Compatibility



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Telegraph Company
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to: Chief Engineers (Copies to General Plant Managers and General
Sales Managers and General Traffic Managers)

from: Engineering Director - Customer Telephone Systems

synopsis: No. 1 ESS Central Offices equipped with Custom Calling Features
must use an applique when serving 800A/801A PBX's.

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We have been advised that when an 800A or 801A PBX is served by
a No. 1 ESS Central Office which is equipped with Custom Calling
Features a line circuit applique (SD-1A298-01) must be used in
each PBX CO trunk facility.

Calls from the PBX which terminate within the serving No. 1 ESS
Central Office are subject to the reswitching open interval
associated with the Custom Calling Features. The duration of
this open exceeds the guard disconnect interval provided in the
800A/801A PBX's Central Office Trunk Circuit. Thus, the PBX CO
trunk disconnects with the customer initiating a complaint of
being cut off.

Where disconnects due to this cause have been identified the
corrective action is to employ the No. 1 ESS line circuit
applique (SD-1A297-01) at the Central Office in each PBX CO
trunk facility.

In order to reduce the incident of customer complaints of cut-
offs in locations where No. 1 ESS equipped with Custom Calling
Features are employed, it is advisable to review the PBX serving
arrangement, and where found necessary, implement the corrective
action.

Engineering Letter 1033 (GL 71-01-111) dated January 18, 1971
provides a detail discussion of the application of the open Switching
Interval Protection Feature for the No. 1 ESS including the use of
the line circuit applique SD-1A297-01.

If you have any questions, please direct them to your Company Coor-
dinator, who if necessary may call Mr. C.W. Johnson (201 877-5719)
on questions related to No. 1 ESS or Mr. W.E. Jackson (303 427-5223)
regarding 800A or 801A PBX's.

Engineering Director

WEJ:PP