

Westinghouse Electric Corporation
Distribution and Control Business Unit
5 Parkway Center
Greentree, PA 15220

Application Data
36-635

Page 1

September, 1986
Supersedes Application Data 36-635,
dated January, 1986

Mailed to: E/36-600B

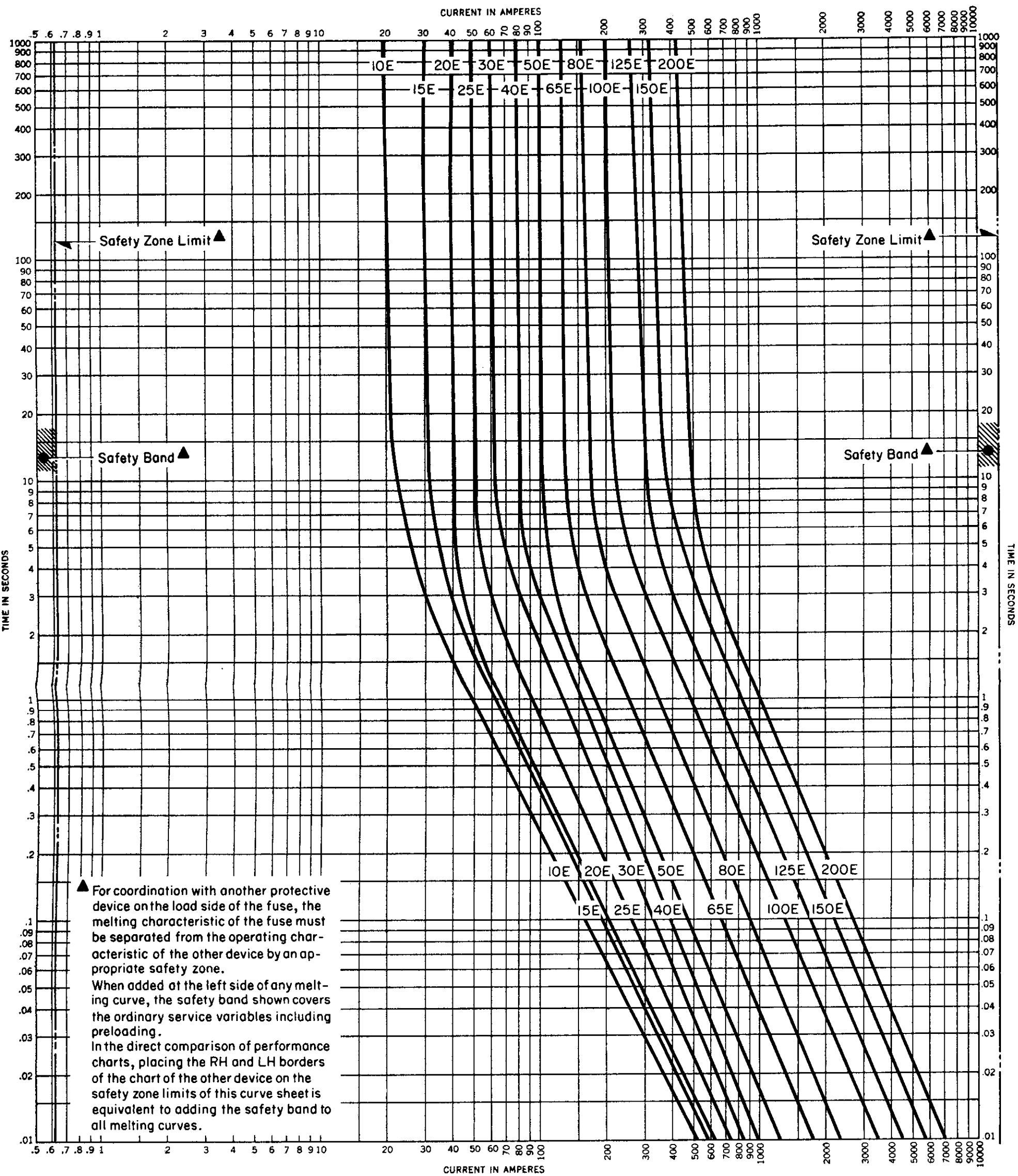
Types RBA and RDB
Performance Curves

High Voltage Power Fuses Types RBA and RDB

This envelope contains time-current characteristic curves of high voltage power fuses and coordination charts as listed below:
These curves to be used in conjunction with Application Data 36-616.

Fuse Type	Designation	Voltage Range Kv	Curve Number	
			Melting	Total Clearing
RBA-RDB-200	Standard	2.4 to 34.5	1	2●
RBA-RDB-200	Time-lag	2.4 to 34.5	3	4●
RBA-RDB-400	Standard	2.4 to 34.5	5	6●
RBA-RDB-400	Time-lag	2.4 to 34.5	7	8●
RBA-RDB-800	Standard	2.4 to 14.4	9	9●
RBA-RDB-400	Time-lag	2.4 to 34.5	10	11
RBA-RDB-800	Time-lag	2.4 to 34.5	12	12●

● Changed since previous issue.



Type RBA-RDB-200 Refill Power Fuses • Standard Speed Refills

Melting Time-Current Characteristics – 2.4 to 34.5 Kv

Curves are based on tests starting with fuse unit at an ambient temperature of 25°C and without initial load. Curves are plotted to minimum test points so all variations should be positive.

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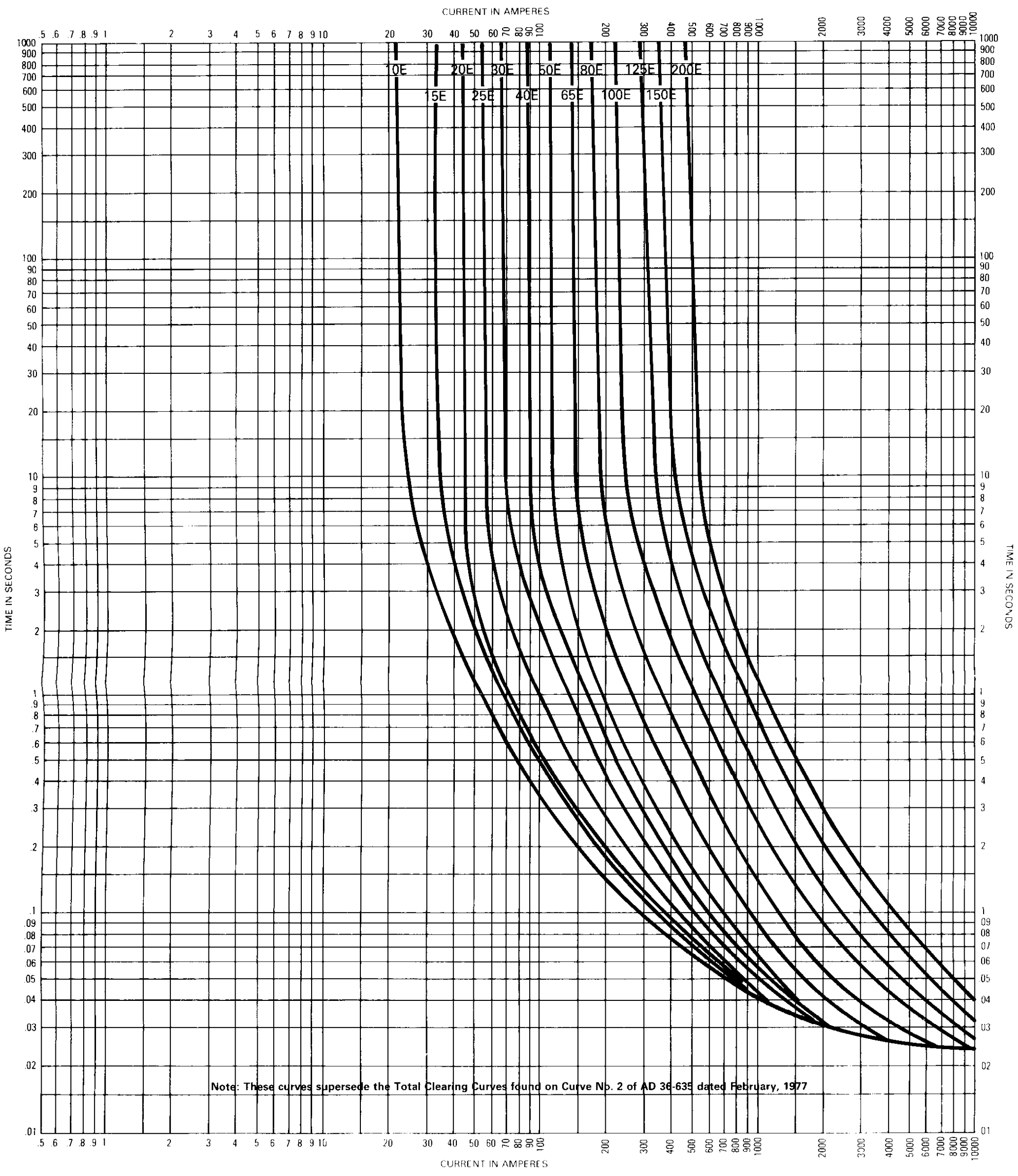
Curve No.

1

Supersedes Curve No. 1
dated February, 1977

Reference No. 628823

January, 1986

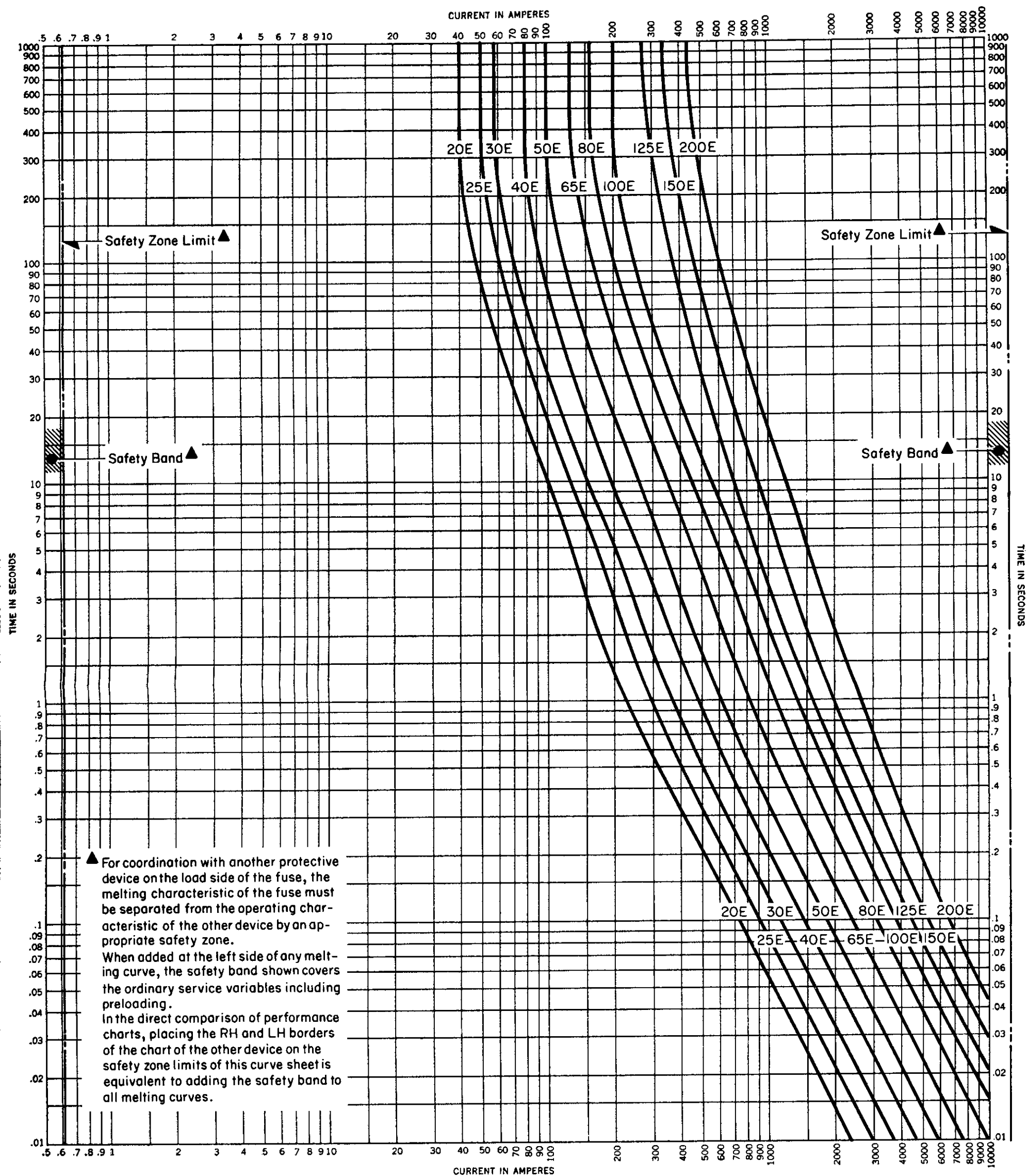


Type RBA-RDB-200 Refill Power Fuses • Standard Speed Refills
Total Clearing Time-Current Characteristics – 2.4 to 34.5 Kv

Curves are based on tests starting with fuse unit at an ambient temperature of 25°C and without initial load. Curves are plotted to maximum test points so variations should be negative.

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Curve No. 2
Supersedes Curve No. 2
dated January, 1986
Reference No. 667014
September, 1986



Type RBA-RDB-200 Refill Power Fuses • Time Lag Refills

Melting Time-Current Characteristics – 2.4 to 34.5 Kv

Curves are based on tests starting with fuse unit at an ambient temperature of 25°C and without initial load. Curves are plotted to minimum test points so all variations should be positive.

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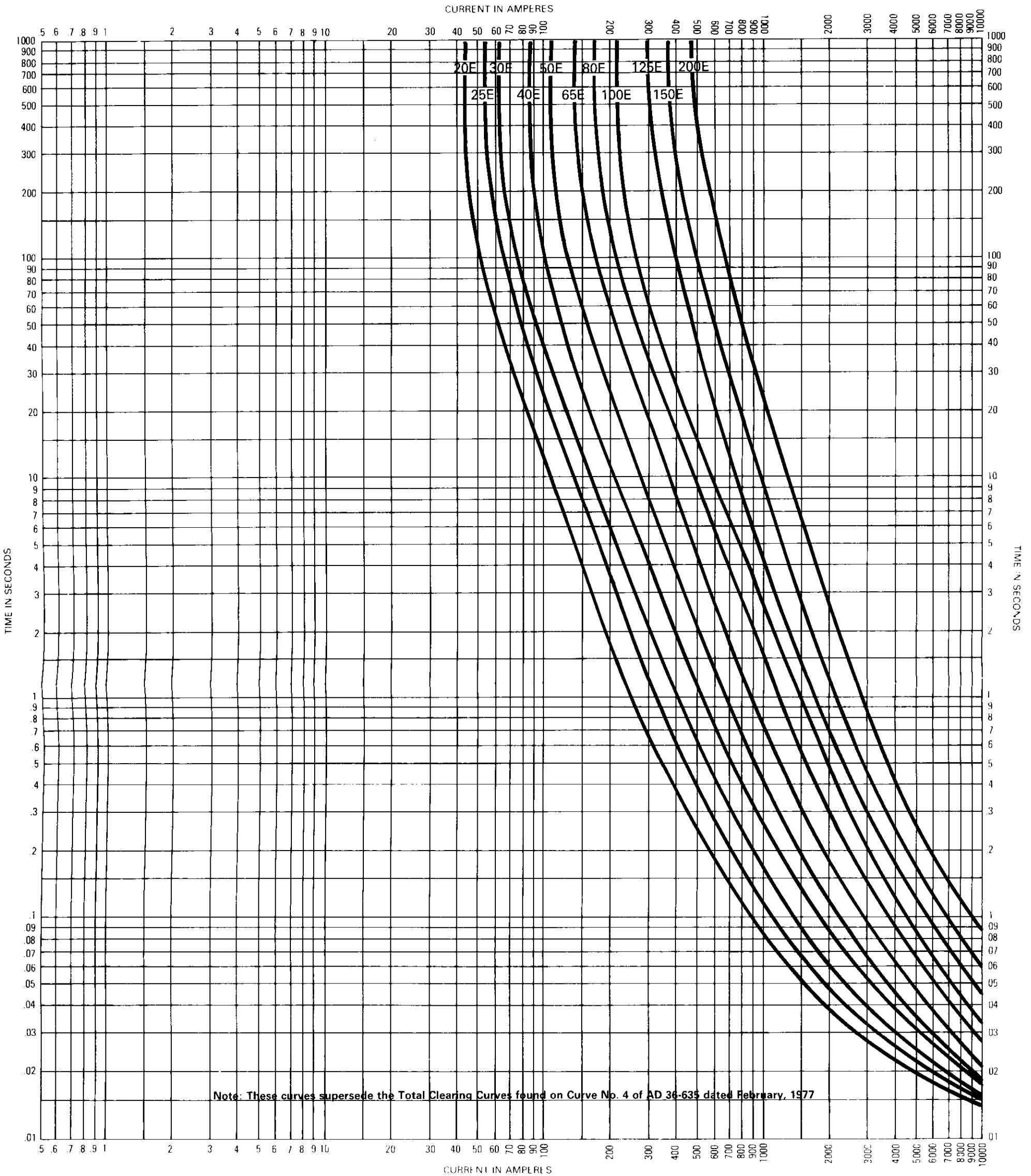
Curve No.

3

Supersedes Curve No. 3
dated February, 1977

Reference No. 628863

January, 1986



Type RBA-RDB-200 Refill Power Fuses • Time Lag Refills
Total Clearing Time-Current Characteristics – 2.4 to 34.5 Kv

Curves are based on tests starting with fuse unit at an ambient temperature of 25°C and without initial load. Curves are plotted to maximum test points.

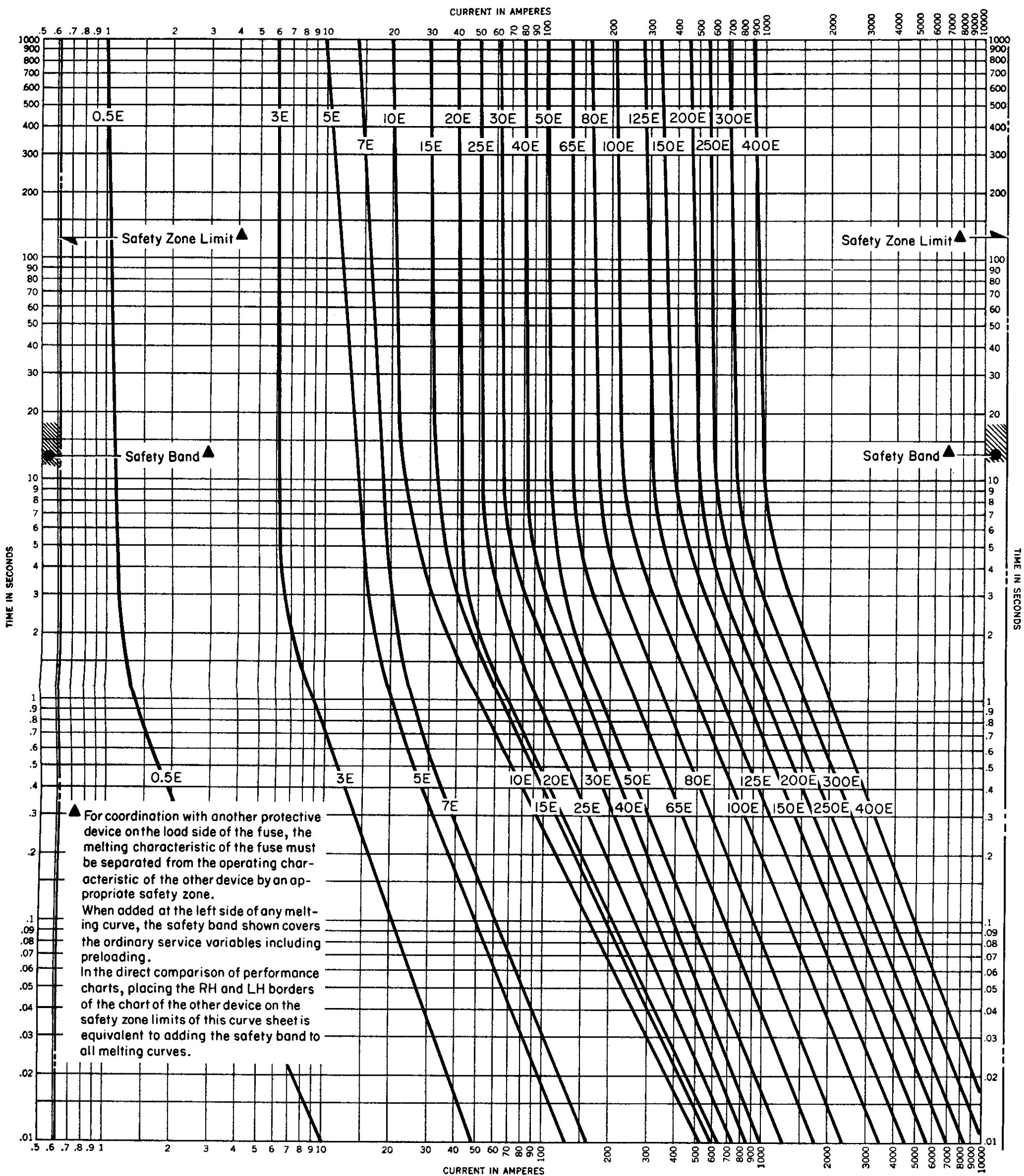
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Curve No. **4**

Supersedes Curve No. 4
dated January, 1986

Reference No. 667013

September, 1986



Type RBA-RDB-400 Refill Power Fuses • Standard Speed Refills

Melting Time-Current Characteristics – 2.4 to 34.5 Kv

Curves are based on tests starting with fuse unit at an ambient temperature of 25°C and without initial load. Curves are plotted to minimum test points so all variations should be positive.

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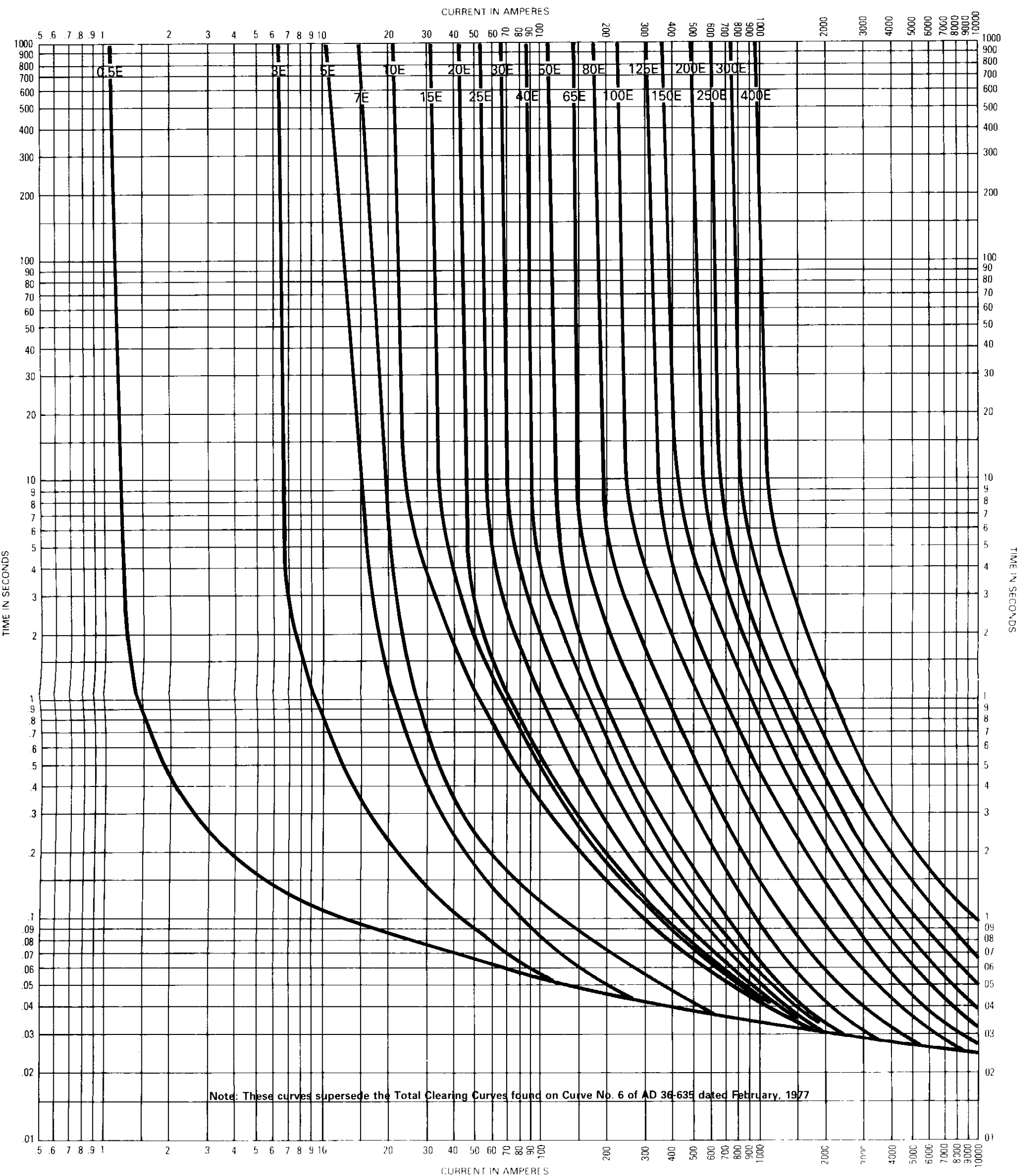
Curve No.

5

Supersedes Curve No. 5
dated February, 1977

Reference No. 628861

January, 1986



Type RBA-RDB-400 Refill Power Fuses • Standard Speed Refills
Total Clearing Time-Current Characteristics – 2.4 to 34.5 Kv

Curves are based on tests starting with fuse unit at an ambient temperature of 25°C and without initial load. Curves are plotted to maximum test points.

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Curve No. **6**

Supersedes Curve No. 6
dated January, 1986

Reference No. 667015

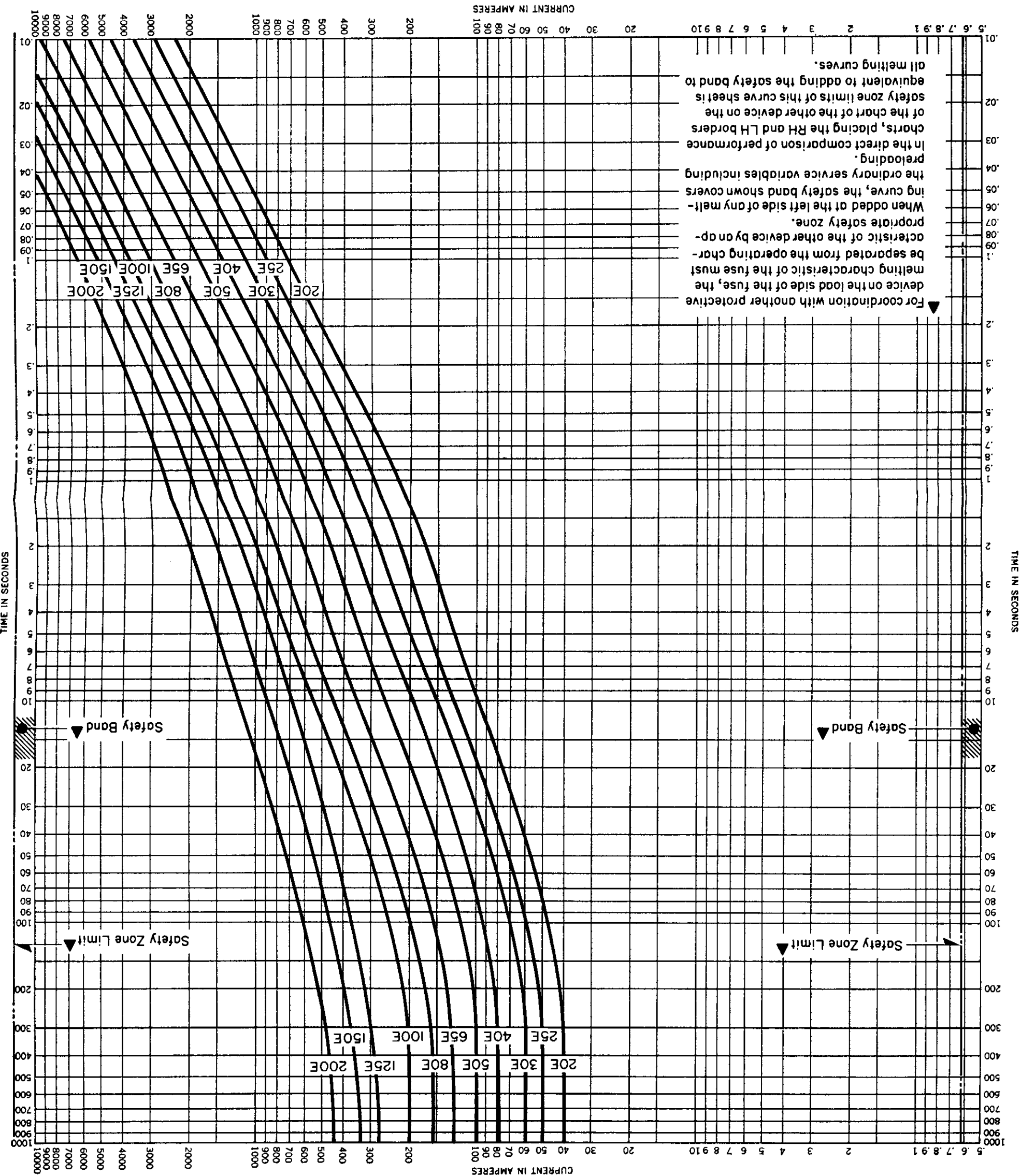
September, 1986

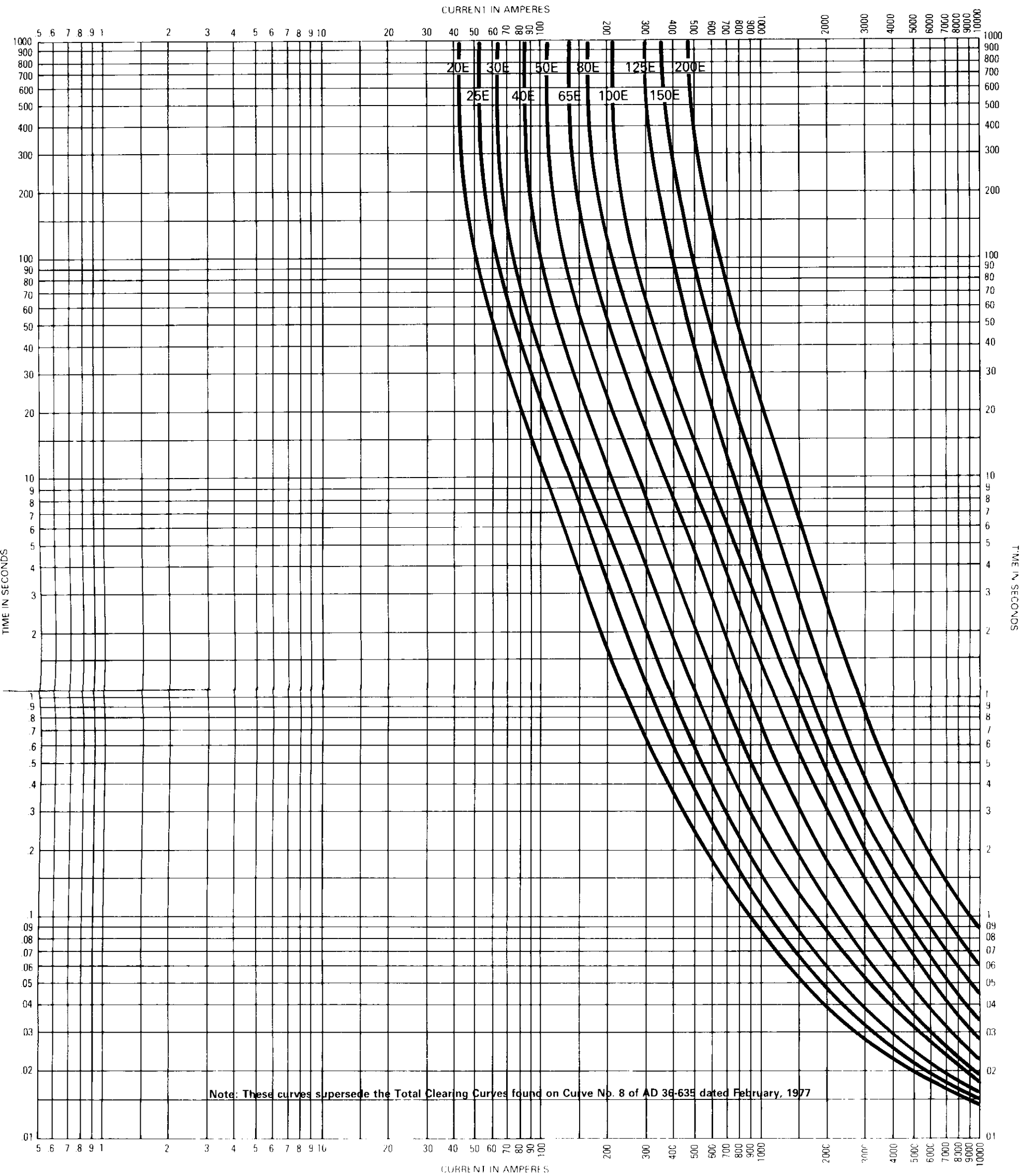
Type RBA-RDB-400 Refill Power Fuses • Time Lag Refills **Melting Time-Current Characteristics – 2.4 to 34.5 Kv**

Curves are based on tests starting with fuse unit at an ambient temperature of 25°C and without initial load. Curves are plotted to minimum test points so all variations should be positive.

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Curve No. **7**
 Supersedes Curve No. 7 dated February, 1977
 Reference No. 628865
 January, 1986





Type RBA-RDB-400 Refill Power Fuses • Time Lag Refills
Total Clearing Time-Current Characteristics – 2.4 to 34.5 Kv

Curves are based on tests starting with fuse unit at an ambient temperature of 25°C and without initial load. Curves are plotted to maximum test points so variations should be negative.

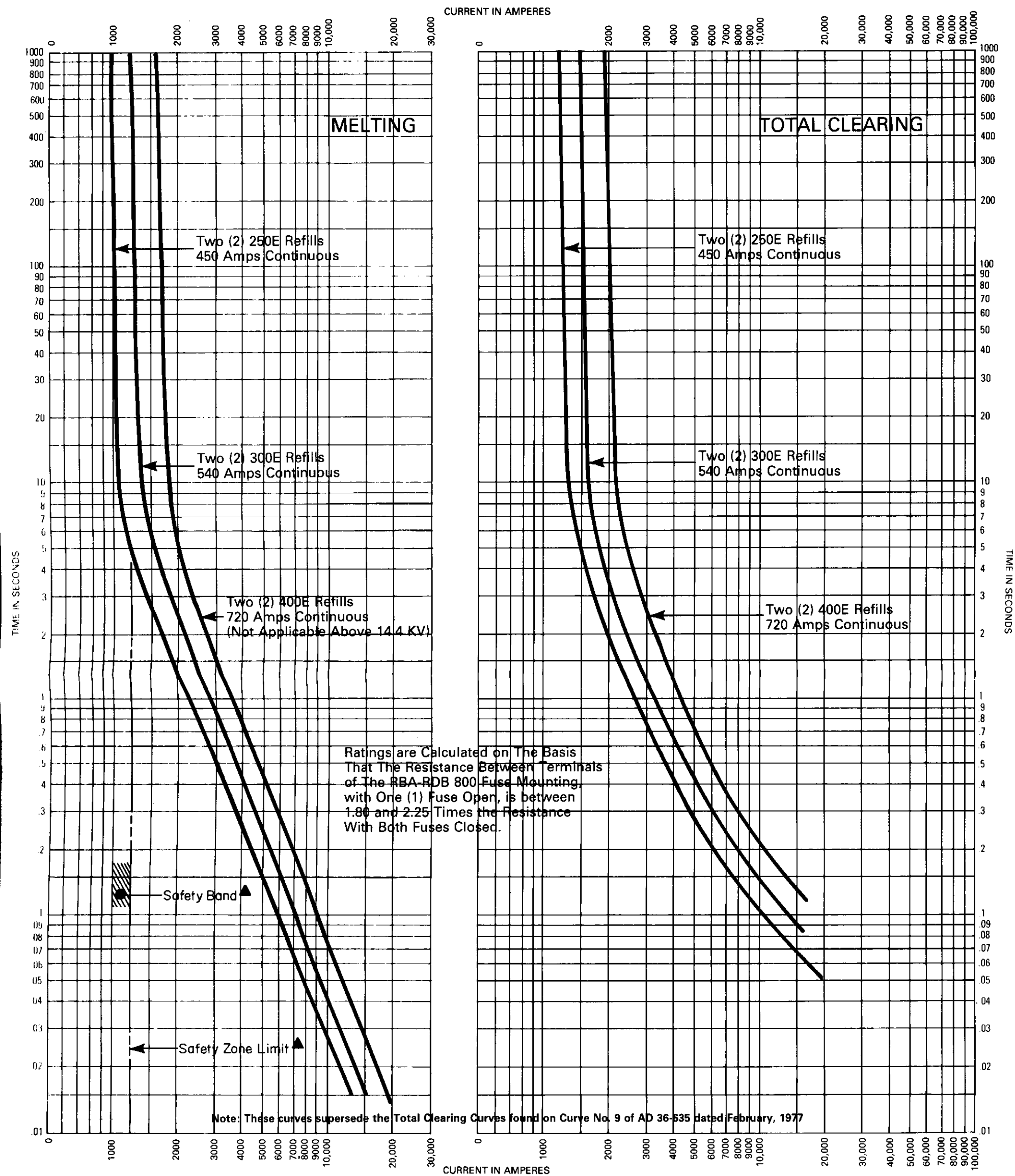
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Curve No. 8

Supersedes Curve No. 8
dated January, 1986

Reference No. 667012

September, 1986



Type RBA-RDB-800 Refill Power Fuse • Two RBA-RDB-400 Fuse Holders with Standard Speed Refills
Melting and Total Clearing Time-Current Characteristics

Curves are calculated on the basis that the resistance between the terminals of the RBA-RDB-800 fuse mounting, with one fuse open, is between 1.80 and 2.25 times the resistance with both fuses closed, conditions otherwise being the same as for RBA-RDB-400 units.

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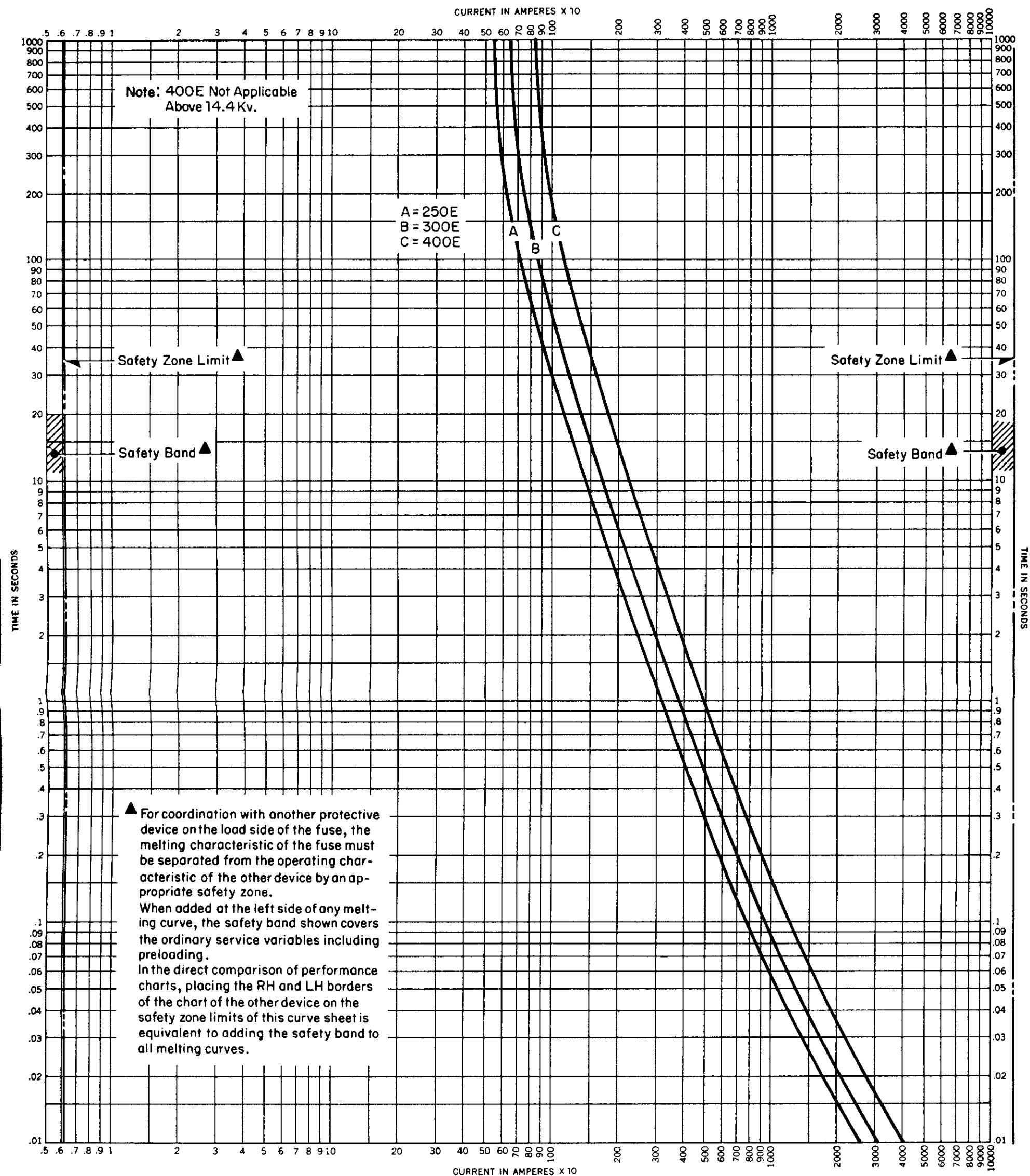
Curve No.

9

Supersedes Curve No. 9
 dated January, 1986

Reference No. 62850-51, 667010

September, 1986



Type RBA-RBD-400 Fuses • Time Lag Refills

Melting Time-Current Characteristics, 2.4 to 34.5 Kv

Curves are based on tests starting with fuse units at an ambient temperature of 25°C and without initial load. Curves are plotted to minimum test points so variations should be positive.

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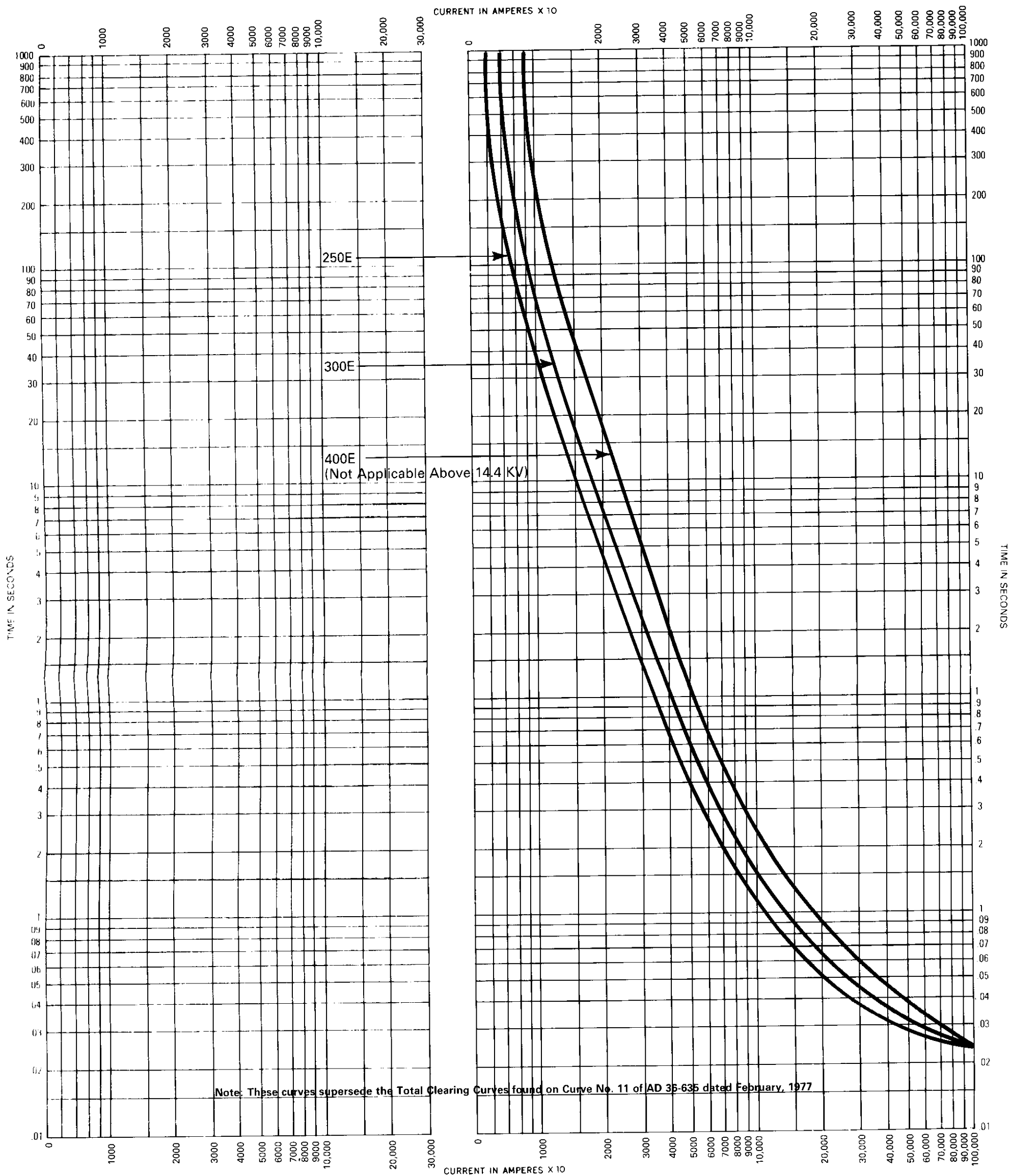
Curve No.

10

Supersedes Curve No. 10
dated February, 1977

Reference No. 639435

January, 1986



Type RBA-RBD-400 Fuses • Time Lag Refills Total Clearing Time-Current Characteristics

Curves are based on tests starting with fuse units at an ambient temperature of 25°C and without initial load. Curves are plotted to maximum test points so variations should be negative.

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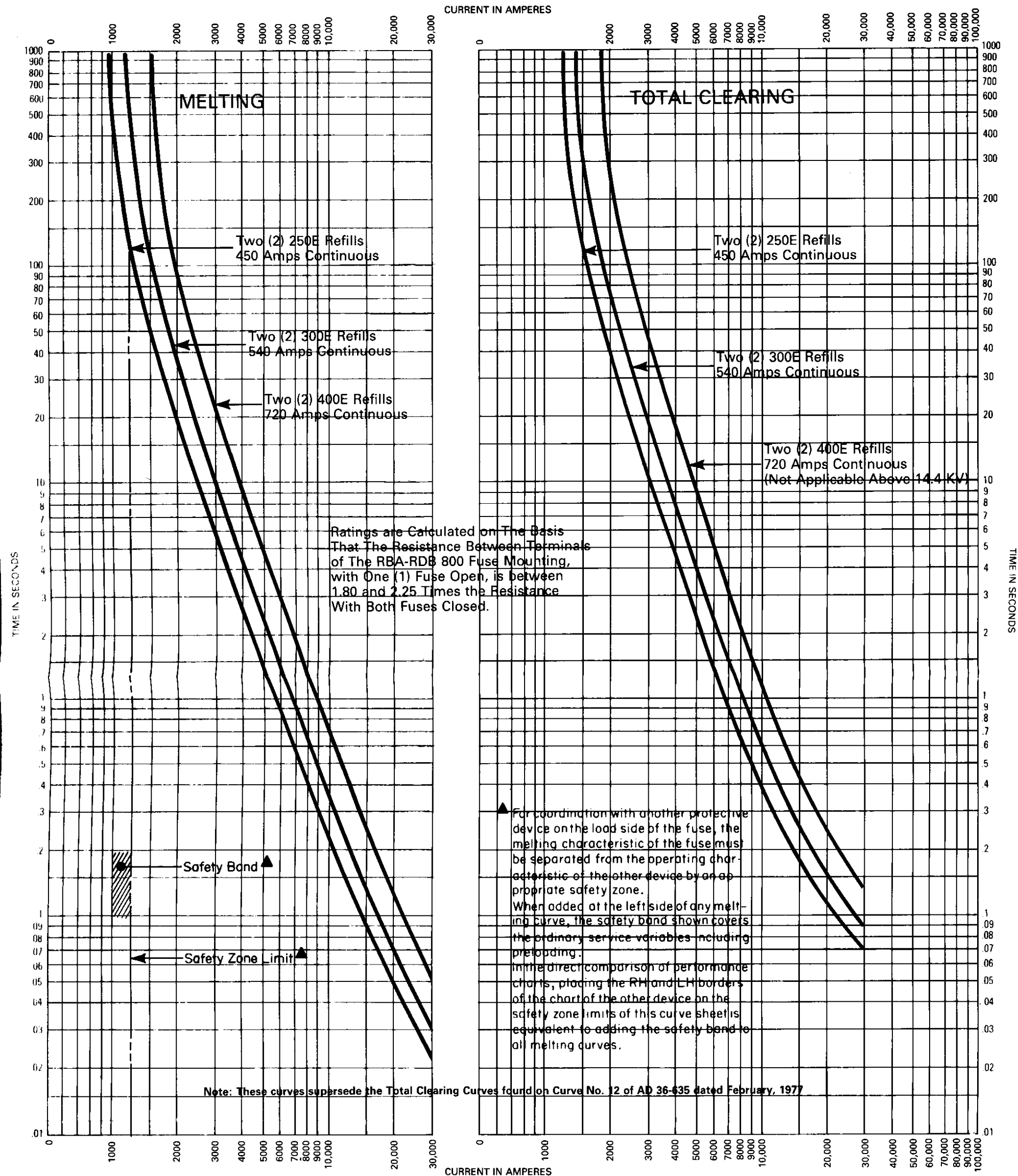
Curve No.

11

Supersedes Curve No. 11
dated February, 1977

Reference No. 667011

January, 1986



Type RBA-RDB-800 Refill Power Fuse • Two RBA-RDB-400 Fuse Holders With Time Lag Refills
Melting and Total Clearing Time-Current Characteristics

Curves are calculated on the basis that the resistance between the terminals of the RBA-RDB-800 fuse mounting, with one fuse open, is between 1.80 and 2.25 times the resistance with both fuses closed, conditions otherwise being the same as for RBA-RDB-400 units.

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Curve No. **12**

Supersedes Curve No. 12
 dated January, 1986

Reference No. 639435, 667009, 666644

September, 1986