

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

FORM 12b-25

NOTIFICATION OF LATE FILING

(Check One):  Form 10-K  Form 20-F  Form 11-K  
 Form 10-Q  Form N-SAR

For Period Ended: December 31, 1996

- Transition Report on Form 10-K  
 Transition Report on Form 20-F  
 Transition Report on Form 11-K  
 Transition Report on Form 10-Q  
 Transition Report on Form N-SAR

For the Transition Period Ended:

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OMB APPROVAL
OMB Number:
3235-0058
Expires:
May 31, 1997
Estimated
average burden
hours per
response....2.50
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| SEC FILE NUMBER |  
0-23336

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| CUSIP NUMBER |  
284871100

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|  
| Read Instruction (on back page) Before Preparing Form. Please Print or Type. |  
|  
|NOTHING IN THIS FORM SHALL BE CONSTRUED TO IMPLY THAT THE COMMISSION HAS |  
|VERIFIED ANY INFORMATION CONTAINED HEREIN. |  
|  
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If the notification relates to a portion of the filing checked above, identify the Item(s) to which the notification relates:

Item 14 (Exhibits)

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PART I--REGISTRANT INFORMATION

Electric Fuel Corporation

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Full Name of Registrant

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Former Name if Applicable

885 Third Avenue, Suite 2900

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Address of Principal Executive Office (Street and Number)

New York, New York 10022-4834

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City, State and Zip Code

PART II--RULES 12b-25(b) AND (c)

If the subject report could not be filed without unreasonable effort or expense and the registrant seeks relief pursuant to Rule 12b-25(b), the following should be completed. (Check box if appropriate)

- (a) The reasons described in reasonable detail in Part III of this form could not be eliminated without unreasonable effort or expense;  
|  
(b) The subject annual report, semi-annual report, transition report  
| on Form 10-K, Form 20-F, 11-K, or Form N-SAR, or portion thereof,  
[X] | will be filed on or before the fifteenth calendar day following the  
| prescribed due date; or the subject quarterly report or transition  
| report on Form 10-Q, or portion thereof will be filed on or before  
| the fifth calendar day following the prescribed due date; and  
| (c) The accountant's statement or other exhibit required by  
| Rule 12b-25(c) has been attached if applicable.

PART III--NARRATIVE

State below in reasonable detail the reasons why the Form 10-K, 20-F, 11-K, 10-Q, N-SAR, or the transition report or portion thereof, could not be filed within the prescribed time period.

(ATTACH EXTRA SHEETS IF NEEDED)



ATTACHMENT 1  
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Electric Fuel Corporation (the "Registrant") hereby seeks relief pursuant to Rule 12b-25(b) for two exhibits to be included in Item 14 of the Registrant's Form 10-K for the period ended December 31, 1996 ("10-K") that cannot be filed with the other portions of the 10-K without unreasonable effort and expense. Shortly before the filing deadline for the 10-K, the Registrant determined that two contracts should be included as Exhibits to the 10-K, but that the Registrant should request confidential treatment with respect to certain information contained therein. The Registrant currently needs time to 1) identify which particular portions of the contracts require confidential treatment and 2) prepare a request for confidential treatment pursuant to Rule 24b-2 of the General Rules and Regulations under the Securities Exchange Act of 1934, as amended (the "Confidentiality Request"). The contracts will be filed as Exhibits, together with the Confidentiality Request, in the form of an Amendment to Form 10-K, on or before the fifteenth calendar day following March 30, 1997, the prescribed due date for the 10-K.