

DOCKET NO. 930486-EU

CERTIFICATION OF
PUBLIC SERVICE COMMISSION ADMINISTRATIVE RULES
FILED WITH THE
DEPARTMENT OF STATE

I do hereby certify:

(1) The time limitations prescribed by paragraph 120.54(11)(a), F.S., have been complied with; and

(2) There is no administrative determination under section 120.54(4), F.S., pending on any rule covered by this certification; and

(3) All rules covered by this certification are filed within the prescribed time limitations of paragraph 120.54(11)(b), F.S. They are filed not less than 28 days after the notice required by subsection 120.54(1), F.S., and;

(a) And are filed not more than 90 days after the notice; or

(b) Are filed not more than 90 days after the notice not including days an administrative determination was pending; or

(c) Are filed within 21 days after the adjournment of the final public hearing on the rule; or

(d) Are filed within 21 days after the date of receipt of all material authorized to be submitted at the hearing; or

(e) Are filed within 21 days after the date the transcript was received by this agency.

DOCUMENT NUMBER-DATE

11478 OCT 25 83

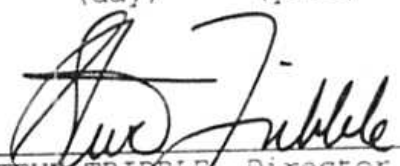
FEDERAL RECORDS CENTER

Attached are the original and two copies of each rule covered by this certification. The rules are hereby adopted by the undersigned agency by and upon their filing with the Department of State.

<u>Rule No.</u>	<u>Rulemaking Authority</u>	<u>Specific Law Being Implemented, Interpreted or Made Specific</u>
25-6.0345	350.127(2)	366.04(6)

Under the provision of paragraph 120.54(13)(a), F.S., the rules take effect 20 days from the date filed with the Department of State or a later date as set out below:

Effective: _____
(month) (day) (year)



STEVE TRIBBLE, Director
Division of Records & Reporting

Number of Pages Certified

(S E A L)

1 25-6.0345 Safety Standards for Construction of New
2 Transmission and Distribution Facilities Constructed After July 1,
3 1986.

4 (1) In compliance with Chapter 366.04(6)(b) F.S., 1991, the
5 Commission adopts and incorporates by reference the 1993 edition of
6 the National Electrical Safety Code (ANSI C-2), published August 3,
7 1992, as the applicable safety standards for transmission and
8 distribution facilities subject to the Commission's safety
9 jurisdiction. Each public electric utility, rural electric
10 cooperative, and municipal electric system shall comply with the
11 standards in these provisions. Standards contained in the 1993
12 edition shall be applicable to new construction for which a work
13 order number is assigned on or after the effective date of this
14 rule. ~~The Commission adopts and incorporates, by reference, those~~
15 ~~standards prescribed in the 1984 edition of the National Electrical~~
16 ~~Safety Code (ANSI C 2) as initial safety standards for transmission~~
17 ~~and distribution facilities of all public electric utilities, rural~~
18 ~~electric cooperatives, and municipal electric systems. All~~
19 ~~utilities shall comply with the standards in these provisions.~~

20 (2) Each public electric utility, rural electric cooperative
21 and municipal electric utility shall report all completed electric
22 work orders, whether completed by the utility or one of its
23 contractors, at the end of each quarter of the year. The report
24 shall be filed with the Director of the Commission's Division of
25 Electric and Gas no later than the 30th working day after the last

CODING: Words underlined are additions; words in
~~struck-through~~ type are deletions from existing law.

1 day of the reporting quarter, and shall contain, at a minimum, the
2 following information for each work order:

- 3 (a) work order number/project/job;
4 (b) brief title; and
5 (c) estimated cost in dollars, rounded to nearest thousand.

6 ~~For transmission and distribution facilities subject to the~~
7 ~~Commission's safety jurisdiction, each utility shall identify such~~
8 ~~facilities and authoritatively confirm or certify to the Commission~~
9 ~~that they meet or exceed the applicable standards. Compliance~~
10 ~~inspections by the Commission shall be made on a random basis or as~~
11 ~~appropriate.~~

12 (3) The quarterly report shall be filed in standard DBase or
13 compatible format, DOS ASCII text, or hard copy, as follows:

14 (a) DBase Format

	<u>Field Names</u>	<u>Field Type</u>	<u>digits</u>
15			
16	1. <u>Workorders</u>	<u>Character</u>	<u>20</u>
17	2. <u>Brieftitle</u>	<u>Character</u>	<u>30</u>
18	3. <u>Cost</u>	<u>Numeric</u>	<u>8</u>
19	4. <u>Location</u>	<u>Character</u>	<u>50</u>
20	5. <u>Kv</u>	<u>Numeric</u>	<u>5</u>
21	6. <u>Contiguous</u>	<u>Character</u>	<u>1</u>

22 (b) DOS ASCII Text.

- 23 1. Columns shall be the same type and in the same order as
24 listed under Field Names above.
25 2. A comma (,) shall be placed between data fields.

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1 3. Character data fields shall be placed between quotation
2 marks ("...").

3 4. Numeric data fields shall be right justified.

4 5. Blank spaces shall be used to fill the data fields to the
5 indicated number of digits.

6 (c) Hard Copy.

7 The following format is preferred, but not required:

8 Completed Electrical Work Orders

9 For PSC Inspection

10

<u>Work</u>	<u>Brief</u>	<u>Estimated</u>	<u>Location</u>	<u>Kv</u>	<u>Contiguous</u>
<u>Order</u>	<u>Title</u>	<u>Cost</u>		<u>Rating</u>	<u>(v/n)</u>
<u>Number</u>					

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16 ~~The Commission has reviewed the 1990 edition of the National~~
17 ~~Electrical Safety Code (ANSI C 2), and as of January 28, 1990,~~
18 ~~adopts and incorporates by reference the provisions of that code as~~
19 ~~the applicable safety standards for transmission and distribution~~
20 ~~facilities subject to the Commission's safety jurisdiction.~~
21 ~~Standards contained in the 1990 edition shall be applicable to new~~
22 ~~construction for which design and approval are started on or after~~
23 ~~January 28, 1990.~~

24 (4) In its quarterly report, each utility shall identify all
25 transmission and distribution facilities subject to the

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1 Commission's safety jurisdiction, and shall certify to the
2 Commission that they meet or exceed the applicable standards.
3 Compliance inspections by the Commission shall be made on a random
4 basis or as appropriate.

5 (5) ~~(4)~~ As soon as practicable, but by the end of the next
6 business day after it learns of the occurrence, each public
7 utility, rural electric cooperative, and municipal electric utility
8 shall (without admitting liability) report to the Commission any
9 accident occurring in connection with any part of its transmission
10 or distribution facilities which:

11 (a) Involves death or injury requiring hospitalization of
12 non-utility persons; or

13 (b) Is significant from a safety standpoint in the judgment
14 of the utility even though it is not required by (a).

15 (6) ~~(5)~~ Each public utility, rural electric cooperative, and
16 municipal electric utility shall (without admitting liability)
17 report each ~~any~~ accident or malfunction, occurring in connection
18 with any part of its transmission or distribution facilities, to
19 the Commission within 30 days after it learns of the occurrence,
20 provided the accident or malfunction:

21 (a) Involves damage to the property of others in an amount in
22 excess of \$5000; or

23 (b) Causes significant damage in the judgment of the utility
24 to the utility's facilities.

25 (7) ~~(6)~~ Unless requested by the Commission, reports are not

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1 required with respect to personal injury, death, or property damage
2 resulting from vehicles ~~vehicular equipment~~ striking poles or
3 utility property.

4 Rulemaking Authority: 350.127(2), F.S.

5 Law Implemented: 366.04(6), F.S.

6 History: New 8/13/87, Amended 2/15/90, _____.

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CERTIFICATION OF
PUBLIC SERVICE COMMISSION
OF MATERIAL INCORPORATED BY REFERENCE IN RULE 25-6.0345
FILED WITH THE DEPARTMENT OF STATE

I hereby certify that attached is a true and complete copy of the 1993 National Electrical Safety Code Manual, which is incorporated by reference by Rule 25-6.0345, Florida Administrative Code.

Under the provisions of paragraph 120.54(13)(a), F.S., the incorporated material takes effect 20 days from the date filed with the Department of State or a later date as set out below:

Effective: _____
(month) (day) (year)



STEVE TRIBBLE, Director
Division of Records & Reporting

Number of Pages Certified

(S E A L)
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National Electrical Safety Code

Secretariat

Institute of Electrical and Electronics Engineers, Inc.

Approved March 18, 1992

Institute of Electrical and Electronics Engineers, Inc.

Approved July 10, 1992

American National Standards Institute

1993 Edition

Abstract: This standard covers basic provisions for safeguarding of persons from hazards arising from the installation, operation, or maintenance of 1) conductors and equipment in electric supply stations, and 2) overhead and underground electric supply and communication lines. It also includes work rules for the construction, maintenance, and operation of electric supply and communication lines and equipment.

The standard is applicable to the systems and equipment operated by utilities, or similar systems and equipment, of an industrial establishment or complex under the control of qualified persons.

This standard consists of the introduction, definitions, grounding rules, list of referenced documents, and Parts 1, 2, 3, and 4 of the 1993 Edition of the National Electrical Safety Code.

Keywords: communications industry safety; construction of communication lines; construction of electric supply lines; electric supply stations, electric utility stations; electrical safety; high-voltage safety; operation of communications systems; operation of electric supply systems; power station equipment; power station safety; public utility safety; safety work rules; underground communication line safety; underground electric line safety

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SUMMARY OF RULE

The rule requires utilities to build transmission distribution systems according to the 1993 version of the National Electrical Safety Code, to report all completed electric work orders in the format specified by the rule, and to report certain accidents involving transmission and distribution facilities.

SUMMARY OF HEARING

In a public hearing on October 12, 1993, the Public Service Commission considered comments made by Gulf Power Company, the Florida Municipal Electric Association (FMEA) and the Florida Electric Cooperative Association (FECA).

The proposed rule requires utilities to file a work order report within 15 working days after the end of each calendar quarter. This provision codifies the Commission's current non-rule reporting requirement and adds a filing deadline. FECA and FMEA believe that the period should be lengthened to 60 working days. The Commission's staff currently receives these reports within 30 working days after the end of the quarter, so the Commission revised the rule to require reporting by the end of that time.

The proposed rule requires parties to report the following work order information:

- (a) work order number/project/job;
- (b) brief title;
- (c) estimated cost in dollars, rounded to nearest hundred;
- (d) location;

(e) Kv rating (if below 1 Kv, enter zero);

(f) contiguous work order in one location (y/n).

Gulf commented that providing the Kv each work order would require substantial software and procedural changes. FMEA believed that the only essential information is the work order and a brief description of the job. FMEA agreed that the cost of the job would provide additional information regarding the size and nature of the work order, but argued that other reporting requirements were unnecessary to provide staff with the information it needs to determine which jobs to inspect.

FECA commented that the rule should require only the work order number. The Association pointed out that Commission staff currently selects a random sample of work orders to inspect. However, reporting only work order numbers limits staff to random inspections and does not allow staff to select larger jobs for review. The Commission did not limit the rule to reports of work order numbers.

Items (d), (e), and (f) require information that would be helpful to staff, but is not absolutely necessary. The Commission's staff can obtain this information from utilities if it is necessary to inspect a particular job. Therefore, given the difficulty that some utilities would have in providing the information, the Commission deleted these items from the rule. Item (c) allows the Commission to determine the magnitude of the project, so the cost rounded to the nearest thousand dollars, as suggested by FMEA, would be sufficient, and should be easier for

utilities to provide.

The proposed rule allows utilities to provide their quarterly reports in DBase or compatible format, DOS ASCII text, or a hard copy. The rule specifies the format for each type of filing. FEMA commented that it would be unnecessary and redundant to require cooperatives to report their information in a particular format. Particularly since the Commission deleted half of the items required to be reported, it is not necessary to require the parties to present the remaining information in any particular format. Therefore, the hard copy format will be suggested, but not required.

FACTS AND CIRCUMSTANCES JUSTIFYING RULE

Chapter 366.04(6)(b) grants to the Commission "exclusive jurisdiction to prescribe and enforce safety standards" for electric transmission and distribution systems. The statute also requires the Commission to review and adopt new editions of the National Electrical Safety Code. Rule 25-6.0345 currently requires all public utilities, rural electric cooperatives and municipal electric systems to build their transmission and distribution facilities to the standards of the 1990 code. The amended rule requires utilities to use the 1993 version of the code and requires utilities to report all completed electric work orders in the format specified by the rule.