AMENDMENT OFFERED BY MR. CONNOLLY OF VIRGINIA TO THE AMENDMENT IN THE NATURE OF A SUBSTITUTE TO H.R. 152 OFFERED BY MR. ROGERS OF KENTUCKY

At the end of the bill (before the short title), insert the following:

1 TITLE __
2 ENHANCING 9-1-1 SERVICE RESILIENCY AND RELIABILITY ACT OF 2013
3 SEC. ____. This title may be cited as the “Enhancing 9-1-1 Service Resiliency and Reliability Act of 2013”.
4 SEC. ____. The purpose of this title is to ensure that the Commission successfully fulfills its statutory obligation under section 1 of the Communications Act of 1934 to promote the “safety of life and property through the use of wire and radio communication” by implementing the recommendations contained in the Commission’s January 2013 Report of the Public Safety and Homeland Security Bureau entitled “Impact of the June 2012 Derecho on Communications Networks and Services.”
5 SEC. ____. Not later than 90 days after the date of the enactment of this Act, the Commission shall issue reg-
6 ulations that—
require providers to regularly audit the physical routes of 9-1-1 circuits and ALI links to—

(A) verify diversity; and

(B) understand, avoid, or address instances where a single failure causes loss of all E9-1-1 circuits or all ALI links for a public safety answering point; and

(2) establish that the audit requirement under paragraph (1) shall apply only to high-priority circuits, rather than to the entire commercial wireline network.

Sec. ____. Not later than 90 days after the date of the enactment of this Act, the Commission shall issue regulations that ensure that providers of emergency service and reliable and resilient communications maintain robust, resilient backup power in central offices, supported by appropriate testing, maintenance, and records retention.

Sec. ____. Not later than 90 days after the date of the enactment of this Act, the Commission shall issue regulations that require that each provider’s network operations center has—

(1) diverse monitor and control links; and
(2) capabilities throughout the network to ensure network reliability, resiliency, and rapid recovery.

SEC. ____. Not later than 90 days after the date of the enactment of this Act, to enhance compliance and result in greater situational awareness for public safety answering points, the Commission shall issue regulations that clarify how providers shall comply with section 4.9 of the Commission’s rules, including details addressing—

(1) methods of notification; and

(2) minimum levels of detail in the information provided to public safety answering points.

SEC. ____. Not later than 90 days after the date of the enactment of this Act, the Commission shall issue regulations that require providers to review and implement CSRIC recommendations and other best practices that the Commission deems most vital, including the following:

(1) Network operators, service providers, and property managers with buildings serviced by more than one emergency generator should design, install, and maintain each generator as a standalone unit that is not dependent on the operation of another generator for proper functioning, including the fuel supply path.
(2) Network operators, service providers, and property managers should exercise power generators on a routine schedule in accordance with manufacturer’s specifications.

(3) Network operators, service providers, and property managers should design standby generator systems for fully automatic operation and for ease of manual operation, when required.

(4) Network operators, service providers, equipment suppliers, and property managers should ensure that all critical infrastructure facilities, including the security equipment, devices, and appliances protecting it, are supported by backup power systems such as batteries, generators, or fuel cells.

(5) Network operators should periodically audit the physical and logical diversity called for by network design and take appropriate measures.

Sec. _____. Not later than 90 days after the date of the enactment of this Act, the Commission shall—

(1) issue regulations that require CSRIC to develop solutions with respect to certain issues identified by the Commission; and

(2) consider adopting additional best practices consistent with sound engineering practices identified by the Commission.
Sec. _____. Not later than 90 days after the date of
the enactment of this Act, the Commission shall issue reg-
ulations that require that public safety answering points—

(1) have several different means of communica-
tion available, such as mobile phones from different
providers, to provide as many alternate means as
possible of communicating during an emergency;

(2) have multiple means of backup power, such
as multiple generators;

(3) run periodic tests under actual load;

(4) install a simple disconnect switch to permit
taking out one generator and installing another; and

(5) prevent leaving reroutes in place longer
than necessary by beginning after a few hours, even
if not notified by the provider, to deactivate the rer-
route, then reactivate it a few hours later, and re-
peating until service is restored or until the public
safety answering point is notified about a working
route by the provider.

Sec. ____. Not later than 90 days after the date of
the enactment of this Act, the Commission shall consult
with public safety organizations and work with public safe-
ty answering points to establish a standardized format and
channel that can be used to report network concerns di-
rectly to the Commission.
In this title, the following definitions shall apply:

(1) ALI.—The term “ALI” means automatic location information.

(2) COMMISSION.—The term “Commission” means the Federal Communications Commission.

(3) CSRIC.—The term “CSRIC” means the Communications Security, Reliability, and Interoperability Council.

(4) PUBLIC SAFETY ANSWERING POINT.—The term “public safety answering point” has the meaning given such term in section 222 of the Communications Act of 1934 (47 U.S.C. 222).