

**Before the
Federal Communications Commission
Washington, D.C. 20554**

In the Matter of)
)
Effects on Broadband Communications) **PS Docket No. 10-92**
Networks of Damage to or Failure of)
Network Equipment or Severe Overload)
)
)

To the Commission:

**Notice from Nickolaus E. Leggett:
A New Resource on Solar Storm Impacts**

I am one of the people who have filed comments in this proceeding.

I am a certified electronics technician (ISCET and iNARTE) and an Extra Class amateur radio operator (call sign N3NL). I hold an FCC General Radiotelephone Operator License with a Ship Radar Endorsement. I am an inventor holding three U.S. Patents. My latest patent is a wireless bus for digital devices and computers (U.S. Patent # 6,771,935). I have a Master of Arts degree in Political Science from the Johns Hopkins University.

Notice

Two notable government scientists have just published the following article:

Daniel N. Baker and James L. Green, “The Perfect Solar Superstorm”, Sky & Telescope, Volume 121, No. 2, February 2011, pages 28 – 34.

This article provides information on the physics and the impacts of an intense solar storm event.

Respectfully submitted,

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January 5, 2011

Note 1

The text of the Congressional **Commission to Assess the Threat to the United States from Electromagnetic Pulse (EMP) Attack** is available at the web site:

www.empcommission.org

This document confirms the serious impact of an EMP attack on the infrastructure of the United States.

Note 2

**Severe Space Weather Events – Understanding Societal and Economic Impacts
A Workshop Report**

National Academy of Sciences

National Academies Press

Publication Year 2008

PAPERBACK

ISBN-10:0-309-12769-6

ISBN-13:978-0-309-12769-1

This document can be accessed online at the URL:

http://www.nap.edu/catalog.php?record_id=12507

Note 3

H. Robert Schroeder, “**Electromagnetic Pulse and Its Implications for EmComm**”, QST magazine, November 2009, pages 38 through 41. [The term EmComm refers to emergency communication.]

Note 4

Petitions to the Commission by Donald J. Schellhardt and Nickolaus E. Leggett

Docket RM-5528, **Request to Consider Requirements for Shielding and Bypassing Civilian Communications Systems from Electromagnetic Pulse (EMP) Effects.**

Docket RM-10330, **Amendment of the Commission's Rules to Shield Electronics**

Equipment Against Acts of War Or Terrorism Involving Hostile Use of Electromagnetic Pulse (EMP).