

**andrew.janca.2@outlook.com**

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**From:** Andrew Janca  
**Sent:** September 9, 2022 12:39 AM  
**To:** news@knkx.org; newsroom@kuow.org; anna@kuow.org; eoneill@kuow.org; kpbx@kpbx.org; dnadvornick@kpbx.org; jprinfo@sou.edu; neumann1@sou.edu; atempleton@opb.org; news@klcc.org; teckert@klcc.org; bbull@klcc.org  
**Cc:** andrew.janca@fema.dhs.gov; investigations@npr.org; contactus@foxnews.com; kptv-news@gray.tv; anna.katayama@kptv.com; mark.nelsen@kptv.com; kandra.kent@kptv.com; stephanie.domurat@kptv.com; FOX13Tips@FOX.com; dan.griffin@fox.com; lisa.villegas@fox.com; kayutv@kayutv.com; production@kmvu-tv.com; info@oregonsfox.com; newsroom@oregonian.com; les@malheurenterprise.com; news@theskanner.com; newstips@seattletimes.com; news@rosebudmedia.com; editor@eugeneweekly.com; andrew.janca.2@outlook.com  
**Subject:** 2/3 – More documentation. It's not useful in itself, but I have to send it to you - it's the rest of the original PDF documents that the cleaned-up PDF binder which I sent you came from.  
**Attachments:** SNRA 2015 Resource for Planners (consolidated Technical Appendix).zip; Attachment list 20220908.pdf

This email is for completeness. Without these attachments, you have only my word that the big pdf that was the first attachment on email 1/3 corresponds (when printed) to an original document going back to 2015, when FEMA revised this risk assessment (I was the technical lead for FEMA's 2015 revision). What I've done before is put some of them on the internet and send the URLs; and I'm also doing that now (they're all on the internet, and in the Internet Archive) in these emails to you. But for some reason that I can't articulate, I'm just not comfortable sending you this information and claiming that it represents this product that we made in 2015, without actually sending you the product itself.

I know this is overkill, and I apologize for bloating your inboxes with redundant information. It's just that for some reason I can't put my finger on I'm uncomfortable just pointing you to a URL, instead of sending it to you myself.

I am not speaking for my Department or Component, any past or present DHS organization, or any past or present colleagues. I will forward these letters to my chain of command, DHS, and DHS/FEMA once I've sent them all to you.

#3 of 3 is next, and that will be the last one.

Everything is unclassified, and non-security sensitive.

The unredacted information that these letters, attachments, and links communicate is explicitly within the scope of 5 U.S.C. § 2302, and communicated solely for its lawful purposes.

Thank you,

Andrew Janca  
[andrew.janca.2@outlook.com](mailto:andrew.janca.2@outlook.com) (this address)

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**From:** Andrew Janca  
**Sent:** September 9, 2022 12:31 AM  
**To:** news@knkx.org; newsroom@kuow.org; anna@kuow.org; eoneill@kuow.org; kpbx@kpbx.org; dnadvornick@kpbx.org; jprinfo@sou.edu; neumann1@sou.edu; atempleton@opb.org; news@klcc.org; teckert@klcc.org; bbull@klcc.org  
**Cc:** andrew.janca@fema.dhs.gov; investigations@npr.org; contactus@foxnews.com; kptv-news@gray.tv;

anna.katayama@kptv.com; mark.nelsen@kptv.com; kandra.kent@kptv.com; stephanie.domurat@kptv.com; FOX13Tips@FOX.com; dan.griffin@fox.com; lisa.villegas@fox.com; kayutv@kayutv.com; production@kmvu-tv.com; info@oregonsfox.com; newsroom@oregonian.com; les@malheurenterprise.com; news@theskanner.com; newstips@seattletimes.com; news@rosebudmedia.com; editor@eugeneweekly.com; andrew.janca.2@outlook.com

**Subject:** 1/3 - Documentation. Pandemics, pp. 173-86. Power outage deaths, 197-98. Fire, 231-36, 563-80. Heat, 509-14. Tsunamis, 411-16. Mt. Rainier, 417-24. Terror & political violence (domestic, foreign, left, right), 307-78. Climate change, 472-88.

**Attachments:** Strategic National Risk Assessment (SNRA) 2015 - Consolidated unclassified documentation.pdf; Full unclassified documentation (original pdfs).zip; Attachment list 20220908.pdf

Hello – This was supposed to go out to every state, tribal, territorial, Federal, and community emergency manager in the Nation in 2015. It got buried instead. That was mostly my fault, but I haven't been able to undo it since (*How this happened*, p. 2

[https://5usc2302.github.io/risk/5\\_U.S.C.\\_2302\\_justification/SNRA\\_FAQ\\_20190319.pdf#page=2](https://5usc2302.github.io/risk/5_U.S.C._2302_justification/SNRA_FAQ_20190319.pdf#page=2)).

The attached tool isn't necessarily the most relevant source for what you may be working on right now. But it is a useful reference for all kinds of bad and unwanted things that you write about, so it's helpful to have and be familiar with ahead of time. If it isn't relevant to your next story, it will be for the one after that.

The first attached is a one-volume consolidated version/binder of the unclassified documentation of record. The latter (the original May/June 2015 pdfs with the draft labels still on them) is in the zipfile. Page numbers below refer to the first attached, and the page numbers on the pages themselves, and the page numbers on the pages themselves.

**Everything is 100% unclassified.**

Some relevant parts (note that not everything below is bad):

- **Pandemics.** Relative risk, p. 27 (figure 2a). Detail, pp. 173-186, 593-596.
- **Electric grid** related risks. The SNRA's power loss mortality model ([https://5usc2302.github.io/risk/5\\_U.S.C.\\_2302\\_justification/Sent\\_in\\_July/Sent\\_July\\_4/SNRA\\_follow-up\\_letter\\_20201016.pdf](https://5usc2302.github.io/risk/5_U.S.C._2302_justification/Sent_in_July/Sent_July_4/SNRA_follow-up_letter_20201016.pdf) pp. 1-2) is primarily documented in the space weather chapter, pp. 197-198, 201, 204-205. The low estimate (which the SNRA uses for its own numbers) is 1.8 deaths/million people-days. The high estimate which accurately predicted Maria's deaths is 11.25 deaths/million people-days.
  - **Space weather**, pp. 27 (figure 2b), 197-215.
  - **Physical attack on the electric grid**, pp. 365-377.
  - **Electric grid failure (natural/accidental)**, pp. 503-508.
  - **Cyber-attacks** on the electric grid, pp. 642-645.
- **Climate change**, pp. F-21 - F-23 [front insert], 472-488, 559-560.
  - The final (2016) versions of the maps on pp. 485-488 are in [www.rand.org/pubs/research\\_reports/RR1400/RR1453/RAND\\_RR1453.pdf](http://www.rand.org/pubs/research_reports/RR1400/RR1453/RAND_RR1453.pdf).
- **Drought**, pp. 147-154.
- **Heat waves**, pp. 509-514.
  - The missing low/best/high frequencies in the data table on page 514 are 0.14 / 0.29 / 3 events/year respectively [1]. For annualized risk comparisons, the average (1,500 deaths / year) of the 1,000-2,000 deaths/year range on page 511 is a suitable best estimate. [2]
- **Hurricanes**, pp. 27 (figure 2b), 187-196.
- **Tornadoes**, pp. 217-230.
- **Wildfires**, pp. 231-236 and 537-538.
  - **Fires and explosions** of generally unintentional origin, pp. 269-278, 527-542, 563-569.
- **Winter storms**, pp. 237-246.
- **Earthquakes**, pp. 155-164.
- **Tsunamis**, pp. 411-416.
- **Volcanoes** (Mt. Rainier scenario), pp. 417-424.

- **Migrant surges / mass migration**, pp. 543-562.
  - DHS defines risk as the potential for an *unwanted* outcome (SNRA terms of reference page 1/1a footnote 4, [https://5usc2302.github.io/risk/5\\_U.S.C.\\_2302\\_justification/What's\\_missing.pdf](https://5usc2302.github.io/risk/5_U.S.C._2302_justification/What's_missing.pdf)), not a bad outcome. Border surges are unwanted events, but the people in them are good.
- **Energy, food, water, and supply chain** risks to society, pp. 465-468, 479-480, 638-641.
- **Unclassified** conventional and 2015 cyber-terrorism analyses, pp. 58-60, 307-378, 501-649.
  - Details that the SNRA omits in its own tables are in their cited sources (most are in pp. 57-66 of [https://www.fbi.gov/file-repository/stats-services-publications-terrorism-2002-2005-terror02\\_05.pdf](https://www.fbi.gov/file-repository/stats-services-publications-terrorism-2002-2005-terror02_05.pdf)).
- **Unclassified** portions of CBRN and 2011 cyber-terrorism analyses, pp. 61-66, 379-408.

[1] Low frequency:  $0.14 = 1/7$  years, the longest gap between events in table 7 (p. 513). Best estimate frequency = 0.29/year, 6 events in 21 years (p. 512). High frequency = 3 / year (max # of events in one year [1999]). I made the decision (I was the technical lead for FEMA's 2015 update) to leave the data table on page 514 incomplete in 2015 because I mistakenly believed that the small number of data points indicated an incomplete record, when in fact they accurately reflected the dispersal in time that characterize great heat wave events in this country. So they are the best numbers to use.

[2] Since most fatality risk comes from heat events outside the 100+ fatality threshold for this SNRA hazard, the 1,000 – 2,000 deaths / year number referenced on page 511 is more appropriate for annualized risk comparisons than the 73 deaths / year average of the threshold set (258 average deaths / event times 0.29 events / year). The best-estimate average of that range (1,500/year) matches AP's current estimate, <https://www.foxnews.com/us/americans-threatened-extreme-heat-record-temperatures> (2022/06/21).

I apologize for the whistlespamming. Because I'm not an anonymous whistleblower and my story is the kind of story where everyone messed up, I don't have any preferential access or political advantage to offer with it. So I have to go for volume.

I'm sending this to the NPR stations which carried the relevant story (about an application of the SNRA called the 'national THIRA') with the broadest reach (<https://www.npr.org/sections/coronavirus-live-updates/2020/04/09/831004621/fema-predicted-pandemic-effects-last-summer>), along with the Fox television affiliate and one or more newspapers in the same market for balance. I'll make a second pass later with more outlets, if needed.

I am not speaking for my Department or Component, any past or present DHS organization, or any past or present colleagues. I will forward these letters to my chain of command, DHS, and DHS/FEMA next, either tonight or tomorrow.

The unredacted information that these letters, attachments, and links communicate is explicitly within the scope of 5 U.S.C. § 2302, and communicated solely for its lawful purposes.

Thank you,

Andrew Janca

[andrew.janca.2@outlook.com](mailto:andrew.janca.2@outlook.com) (personal for whistleblowing, this email)

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**From:** Andrew Janca

**Sent:** September 9, 2022 12:23 AM

**To:** [news@knkx.org](mailto:news@knkx.org); [newsroom@kuow.org](mailto:newsroom@kuow.org); [anna@kuow.org](mailto:anna@kuow.org); [coneill@kuow.org](mailto:coneill@kuow.org); [kpbx@kpbx.org](mailto:kpbx@kpbx.org); [dnadvornick@kpbx.org](mailto:dnadvornick@kpbx.org); [jprinfo@sou.edu](mailto:jprinfo@sou.edu); [neumannel@sou.edu](mailto:neumannel@sou.edu); [atempleton@opb.org](mailto:atempleton@opb.org); [news@klcc.org](mailto:news@klcc.org); [teckert@klcc.org](mailto:teckert@klcc.org); [bbull@klcc.org](mailto:bbull@klcc.org)

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**Subject:** 0/3 - (5 U.S.C. 2302) - The FEMA master risk assessment that you probably never heard of, because it disappeared. Documentation and context follow.

**Attachments:** Attachment list 20220908.pdf

Hello – The documentation and context follow. I'm sending the attachment list by itself first, so you'll know if something didn't come through.

I am not speaking for my Department or Component, any past or present DHS organization, or any past or present colleagues. I will forward these letters to my chain of command, DHS, and DHS/FEMA once I've sent them all to you. I'll finish that some time today or tomorrow: I'll let you know when that's done.

Everything is unclassified, and non-security sensitive.

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Thank you,

Andrew Janca  
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address)