

2011-0083

17

**RESPONSE TO FREEDOM OF  
INFORMATION ACT (FOIA) / PRIVACY  
ACT (PA) REQUEST**

RESPONSE TYPE  FINAL  PARTIAL

REQUESTER  
Edwin Lyman

DATE  
SEP 14 2012

**PART I. -- INFORMATION RELEASED**

- No additional agency records subject to the request have been located.
- Requested records are available through another public distribution program. See Comments section.
- APPENDICES  Agency records subject to the request that are identified in the listed appendices are already available for public inspection and copying at the NRC Public Document Room.
- APPENDICES EE, FF Agency records subject to the request that are identified in the listed appendices are being made available for public inspection and copying at the NRC Public Document Room.
- Enclosed is information on how you may obtain access to and the charges for copying records located at the NRC Public Document Room, 11555 Rockville Pike, Rockville, MD 20852-2738.
- APPENDICES EE, FF Agency records subject to the request are enclosed.
- Records subject to the request that contain information originated by or of interest to another Federal agency have been referred to that agency (see comments section) for a disclosure determination and direct response to you.
- We are continuing to process your request.
- See Comments.

**PART I.A -- FEES**

- AMOUNT \*  You will be billed by NRC for the amount listed.  None. Minimum fee threshold not met.
- \$  You will receive a refund for the amount listed.  Fees waived.

\* See comments for details

**PART I.B -- INFORMATION NOT LOCATED OR WITHHELD FROM DISCLOSURE**

- No agency records subject to the request have been located.
- Certain information in the requested records is being withheld from disclosure pursuant to the exemptions described in and for the reasons stated in Part II.
- This determination may be appealed within 30 days by writing to the FOIA/PA Officer, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001. Clearly state on the envelope and in the letter that it is a "FOIA/PA Appeal."

**PART I.C COMMENTS (Use attached Comments continuation page if required)**

The incoming request is located in ADAMS at ML110400354

SIGNATURE - FREEDOM OF INFORMATION ACT AND PRIVACY ACT OFFICER

Donna L. Sealing

**RESPONSE TO FREEDOM OF INFORMATION ACT (FOIA) / PRIVACY ACT (PA) REQUEST**

2011-0083

SEP 14 2012

**PART II.A -- APPLICABLE EXEMPTIONS**

APPENDICES  
FF

Records subject to the request that are described in the enclosed Appendices are being withheld in their entirety or in part under the Exemption No.(s) of the PA and/or the FOIA as indicated below (5 U.S.C. 552a and/or 5 U.S.C. 552(b)).

- Exemption 1: The withheld information is properly classified pursuant to Executive Order 12958.
- Exemption 2: The withheld information relates solely to the internal personnel rules and practices of NRC.
- Exemption 3: The withheld information is specifically exempted from public disclosure by statute indicated.
  - Sections 141-145 of the Atomic Energy Act, which prohibits the disclosure of Restricted Data or Formerly Restricted Data (42 U.S.C. 2161-2165).
  - Section 147 of the Atomic Energy Act, which prohibits the disclosure of Unclassified Safeguards Information (42 U.S.C. 2167).
  - 41 U.S.C., Section 253b, subsection (m)(1), prohibits the disclosure of contractor proposals in the possession and control of an executive agency to any person under section 552 of Title 5, U.S.C. (the FOIA), except when incorporated into the contract between the agency and the submitter of the proposal.
- Exemption 4: The withheld information is a trade secret or commercial or financial information that is being withheld for the reason(s) indicated.
  - The information is considered to be confidential business (proprietary) information.
  - The information is considered to be proprietary because it concerns a licensee's or applicant's physical protection or material control and accounting program for special nuclear material pursuant to 10 CFR 2.390(d)(1).
  - The information was submitted by a foreign source and received in confidence pursuant to 10 CFR 2.390(d)(2).
  - Disclosure will harm an identifiable private or governmental interest.
- Exemption 5: The withheld information consists of interagency or intraagency records that are not available through discovery during litigation. Applicable privileges:
  - Deliberative process: Disclosure of predecisional information would tend to inhibit the open and frank exchange of ideas essential to the deliberative process. Where records are withheld in their entirety, the facts are inextricably intertwined with the predecisional information. There also are no reasonably segregable factual portions because the release of the facts would permit an indirect inquiry into the predecisional process of the agency.
  - Attorney work-product privilege. (Documents prepared by an attorney in contemplation of litigation)
  - Attorney-client privilege. (Confidential communications between an attorney and his/her client)
- Exemption 6: The withheld information is exempted from public disclosure because its disclosure would result in a clearly unwarranted invasion of personal privacy.
- Exemption 7: The withheld information consists of records compiled for law enforcement purposes and is being withheld for the reason(s) indicated.
  - (A) Disclosure could reasonably be expected to interfere with an enforcement proceeding (e.g., it would reveal the scope, direction, and focus of enforcement efforts, and thus could possibly allow recipients to take action to shield potential wrong doing or a violation of NRC requirements from investigators).
  - (C) Disclosure could constitute an unwarranted invasion of personal privacy.
  - (D) The information consists of names of individuals and other information the disclosure of which could reasonably be expected to reveal identities of confidential sources.
  - (E) Disclosure would reveal techniques and procedures for law enforcement investigations or prosecutions, or guidelines that could reasonably be expected to risk circumvention of the law.
  - (F) Disclosure could reasonably be expected to endanger the life or physical safety of an individual.
- OTHER (Specify)  
Outside of Scope

**PART II.B -- DENYING OFFICIALS**

Pursuant to 10 CFR 9.25(g), 9.25(h), and/or 9.65(b) of the U.S. Nuclear Regulatory Commission regulations, it has been determined that the information withheld is exempt from production or disclosure, and that its production or disclosure is contrary to the public interest. The person responsible for the denial are those officials identified below as denying officials and the FOIA/PA Officer for any denials that may be appealed to the Executive Director for Operations (EDO).

DENYING OFFICIAL	TITLE/OFFICE	RECORDS DENIED	APPELLATE OFFICIAL		
			EDO	SECY	IG
Dr. Brian Sheron	Director, Office of Nuclear Regulatory Research	Appendix FF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Appeal must be made in writing within 30 days of receipt of this response. Appeals should be mailed to the FOIA/Privacy Act Officer, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, for action by the appropriate appellate official(s). You should clearly state on the envelope and letter that it is a "FOIA/PA Appeal."

**APPENDIX EE**  
**RECORDS BEING RELEASED IN THEIR ENTIRETY**  
**(If copyrighted identify with \*)**

<b>NO.</b>	<b>DATE</b>	<b>DESCRIPTION (PAGE COUNT)</b>
1.	12/01/2010	Email To: Carol Greenwood, (RES), From: Richard Chang, (RES/DSA), Subject: Re: SOARCA Brief, <b>(2 Pages)</b>
2.	12/01/2010	Email To: QTE Resource, From: Richard Chang, (RES/DSA), Subject: SOARCA Documents <b>(1 Page)</b>
3.	12/01/2010	Email To: Charles Tinkler, From: Richard Chang, (RES/DSA), Subject: FW: Actions from Today's Call <b>(2 Pages)</b>
4.	12/01/2010	Email To: Jimi Yerokun,(RG-II), From: Richard Chang, (RES/DSA), Subject: FW: NRC N6306 SOARCA <b>(1 Page)</b>
5.	12/01/2010	Email To: Robert Kahler (NSIR/DPR), From: Richard Chang, (RES/DSA), Subject: FW: SOARCA small evacuation <b>(2 Pages)</b>
6.	12/02/2010	Email To: Jonathan Barr (RES/DSA), From: Richard Chang, (RES/DSA), Subject: RE: Files Attached. DO#371a RE: Request for Editing: SOARCA Appendix A (Johnathan Barr, RES) <b>(2 Pages)</b>
7.	12/02/2010	Email To: Martin Stutzke (RES/DRA), From: Richard Chang, (RES/DSA), Subject: SOARCA Ch2 <b>(1 Page)</b>
8.	12/02/2010	Email To: Shawn Burns From: Richard Chang (RES/DSA), Subject: Options for Management Consideration for Appendix B.docx <b>(1 Page)</b>
9.	12/06/2010	Email To: Jason Schaperow (NRO/DSRA), Subject: FW: SOARCA Core dump <b>(2 Pages)</b>
10.	11/30/2010	Email To: Liz Langlie (NRR/PMDA) From: Richard Chang, (RES/DSA), Subject: RE: REMINDER: ACTION – SUBMIT FINAL SESSION TITLES/DESCRIPTIONS by NOVEMBER 30; and December 7 Deadline <b>(3 Pages)</b>
11.	11/29/2010	Email To: Jimi Yerokun (RGN-II), From: Richard Chang, (RES/DSA), Subject: RE: REMINDER: ACTION – SUBMIT FINAL SESSION TITLES/DESCRIPTIONS by NOVEMBER 30; and December 7 Deadline <b>(3 Pages)</b>

12. 11/29/2010 Email To: Jason Schaperow (NRO/DSRA), From: Richard Chang, (RES/DSA), Subject: FW: Multiple Items (1 Page)
13. 11/24/2010 Email To: Daniel Hudson, From: Richard Chang (RES/DSA), Subject: FW: RESPONSE REQUESTED: Graphics for Tracking SOARCA and Cancer Risk Studies (3 Pages)
14. 11/23/2010 Email To: Patricia Santiago (RES/DSA), From: Richard Chang, (RES/DSA), Subject: Adding names to Sharepoint (2 Pages)
15. 11/19/2010 Email To: Jason Schaperow (NRO/DSRA), From: Richard Chang (RES/DSA), Subject: RE: draft email (1 Page)
16. 11/19/2010 Email To: Rosemary Hogan, From: Richard Chang (RES/DSA), Subject: RE: Need money for SOARCA in FY11 (1 Page)
17. 11/19/2010 Email To: Jason Schaperow (NRO/DSRA), From: Richard Chang (RES/DSA), Subject: FW: Revise schedule for SOARCA (1 Page)
18. 11/17/2010 Email To: Shawn Burns, From: Richard Chang, Subject: FW: Revise schedule for SOARCA, Attachments: Complete SOARCA\_Rev3.xlsx (1 Page)
19. 11/16/2010 Email To: Jonathan Barr, From: Richard Chang, Subject: RE: Lunch at 12:00? (1 Page)
20. 11/16/2010 Email To: Brett Rini, From: Richard Chang, Subject: RE: January ACRS meeting on SOARCA (1 Page)
21. 11/16/2010 Email To: Jason Schaperow, From: Richard Chang, Subject: FW: SOARCA (3 Pages)
22. 11/15/2010 Email To: Scott Elkins, From: Richard Chang, Subject: RE: Files on SOARCA BR (1 Page)
23. 11/15/2010 Email To: Brett Rini, From: Richard Chang, Subject: RE: QUERY: ACRS meeting on SOARCA (2 Pages)
24. 11/12/2010 Email To: Madhumita Sircar, From: Richard Chang, Subject: FW: Need money for SOARCA in FY11 (1 Page)
25. 11/12/2010 Email To: Tina Ghosh, From: Richard Chang, Subject: FW: QUERY: ACRS meeting on SOARCA (2 Pages)
26. 11/12/2010 Email To: QTE Resource, From: Richard Change, Subject: SOARCA Appendices A&B (1 Page)
27. 11/12/2010 Email To: Jimi Yerokun, From: Richard Chang, Subject: Suggested Paths forward (1 Page)

- 28. 11/12/2010 Email To: Scott Elkins, From: Richard Chang, Subject: SOARCA Brochure (1 Page)
- 29. 11/12/2010 Email To: Shawn Burns, From: Richard Chang, Subject: Updates (1 Page)
- 30. 11/10/2010 Email To: Randy Sullivan, From: Richard Chang, Subject: RE: Availability for the RIC (1 Page)
- 31. 11/10/2010 Email To: Mahmooda Bano, From: Richard Chang, Subject: RE: Let's meet on Wed-please set it up (1 Page)
- 32. 10/21/2010 Email To: Jonathan Barr, From: Richard Chang, Subject: SOARCA Memo version 2.docx (1 Page)
- 33. 10/21/2010 Email To: Martin Stutzke, Charles Tinkler, Jason Schaperow, Daniel Hudson, From: Richard Chang, Subject: Summary of Options Discussed During Level 3 PRA and SOARCA Policy Paper Discussion.docx, Attachments: Options Discussed During Level 3 PRA and SOARCA Policy Paper Discussion.docx (1 Page)
- 34. 10/20/2010 Email To: Jimi Yerokun, From: Richard Chang, Subject: RE: SOARCA Status (2 Pages)
- 35. 10/19/2010 Email To: Jimi Yerokun, From: Richard Chang, Subject: FW: SOARCA urgent funding, Attachments: JUSTIFICATION FOR URGENT PLACEMENT OF DOE WORK.doc (1 Page)
- 36. 10/13/2010 Email To: Daniel Hudson, From: Richard Chang, Subject: RE: Integration of Level III PRA and SOARCA discussion (2 Pages)
- 37. 10/13/2010 Email To: Patricia Santiago, From: Richard Chang, Subject: RE: RESPONSE – Solicitation for Items – October 15<sup>th</sup> EDO Monthly Management Meeting (2 Pages)
- 38. 10/12/2010 Email To: Jonathan Barr, From: Richard Chang, Subject: RE: REPLY REQUESTED (by COB 10/13/10): Items Coming to the Commission for Action/Vote (3 Pages)
- 39. 10/08/2010 Email To: Jimi Yerokun, From: Richard Chang, Subject: CA note (2 Pages)
- 40. 10/08/2010 Email To: Jason Schaperow, From: Richard Chang, Subject: RE: CA note (Page 1)
- 41. 10/08/2010 Email To: Jonathan Barr, From: Richard Chang, Subject: RE: SOARCA Funding Update (1 Page)

- 42. 10/07/2010 Email To: Jimi Yerokun, From: Richard Chang, Subject: DSA SOARCA Meeting **(1 Page)**
- 43. 10/07/2010 Email To: Jonathan Barr, From: Richard Chang, Subject: SOARCA Extension Request **(1 Page)**
- 44. 10/07/2010 Email To: Jimi Yerokun, From: Richard Chang, Subject: SOARCA Document **(1 Page)**
- 45. Undated Meeting To: Martin Stutzke, Charles Tinkler, Jason Schaperow, Daniel Hudson, From: Richard Chang, Subject: Integration of Level III PRA and SOARCA discussion **(1 Page)**
- 46. Undated Meeting To: Jennifer Uhle, Kathy Gibson, Jimi Yerokun, Imtiaz Madni, Stuart Rubin, Charles Tinkler, Richard Lee, From: Richard Chang, Subject: Internal Pre-Meeting for Research Alignment on SOARCA and SMR **(1 Page)**
- 47. Undated Meeting To: Richard Chang, From: Lisa Gibney, Subject: FW: FEMA RAC Chair Weekly Briefing Call (SOARCA) **(2 Pages)**

**APPENDIX FF  
RECORDS BEING WITHHELD IN PART  
(If copyrighted identify with \*)**

<b><u>NO.</u></b>	<b><u>DATE</u></b>	<b><u>DESCRIPTION/ (PAGE COUNT)</u></b>
1.	12/03/2010	Email To: Kenneth Armstrong, From: Richard Chang, Subject: RE: REPLY REQUESTED (by COB 12/03/10): Items Coming to the Commission for Action/Vote <b>(5 Pages) Ex. 6</b>
2.	12/02/2010	Email To: From: Richard Chang, Subject: RE: RIC Speaker Initiation: State-of-the-Art Reactor Consequence Analyses session <b>(2 Pages) Ex. 6</b>
3.	11/30/2010	Email To: Shawn Burns, From: Richard Chang, Subject: RE: SOARCA Surry teleconference <b>(1 Page) Ex. 6</b>
4.	11/30/2010	Email To: Jason Schaperow, From: Richard Chang, Subject: FW: SOARCA Peach Bottom Status report <b>(2 Pages) Ex. 6</b>
5.	11/30/2010	Email To: Jason Schaperow, From: Richard Chang, Subject: RE: Surry <b>(2 Pages) Ex. 6</b>
6.	11/29/2010	Email To: Jason Schaperow, From: Richard Chang, Subject: RE: discuss Loss of Service Water scenario <b>(2 Pages) Ex. 6</b>
7.	11/19/2010	Email To: Randall O. Gauntt, From: Richard Chang, Subject: RE: SOARCA October MLSR <b>(1 Page) Ex. 6</b>
8.	11/19/2010	Email To: Shawn Burns, From: Richard Chang, Subject: RE: SOARCA schedule feedback <b>(2 Pages) Ex. 6</b>
9.	11/18/2010	Email To: Jason Schaperow, From: Richard Chang, Subject: Quarterly SOARCA Briefing for Mike Weber <b>(1 Page) Ex. 6</b>
10.	11/10/2010	Email To: Shawn Burns, From: Richard Chang, Subject: RE: Extension to SOARCA peer review contracts <b>(2 Pages) Ex. 6</b>
11.	11/10/2010	Email To: Randy Sullivan, From: Richard Chang, Subject: RE: SOARCA SECY <b>(2 Pages) Outside of Scope</b>
12.	11/10/2010	Email To: Jason Schaperow, From: Richard Chang, Subject: FW: Extension to SOARCA peer review contracts <b>(1 Page) Ex. 6</b>
13.	11/09/2010	Email To: Trent Wertz, From: Richard Chang, Subject: RE: SOARCA Briefing for NRR <b>(2 Pages) Ex. 6</b>

14. 11/08/2010 Email To: Shawn Burns, From: Richard Chang, Subject: RE: September MLSR for the SOARCA project (N6306) **(2 Pages) Ex. 6**
15. 10/21/2010 Email To: Randy Sullivan, From: Richard Chang, Subject: SOARCA Team Meeting – 10/13/10 **(2 Pages) Ex. 6**
16. 10/21/2010 Email To: Scott Burnell, From : Richard Chang, Subject: SOARCA Team Meeting **(2 pages) Ex. 6**
17. 10/21/2010 Email To: Randy Sullivan, Jimi Yerokun, From: Richard Chang, Subject: SOARCA Team Meeting – 10/13/10 **(2 Pages) Ex. 6**
18. 10/21/2010 Email To: Joseph Zabel, From: Richard Chang, Subject: RE: Question? **(3 Pages) Outside of Scope, Ex. 6**
19. Undated Meeting To: Richard Chang, Charles Tinkler, Richard Guzman, Scott Burrell, David Decker, Jimi Yerokun, Gregory Bowman, Randy Sullivan, Lisa Gibney, Patricia Milligan, Robert Kahler, Holly Hall, From: Richard Chang, Subject: RE: SOARCA Communications Team **(1 Page) Ex. 6**
20. 10/20/2010 Email To: Jimi Yerokun, Tina Ghosh, From: Richard Chang, Subject: FW: One-week look-ahead, Attachments: Kathy Halvey Gibson.vcf **(2 Pages) Ex. 6**
21. 10/20/2010 Email To: Jimi Yerokun, From: Richard Chang, Subject: RE: Charts/Graphics to Track Long-Term Projects **(2 Pages) Ex. 6**
22. 10/20/2010 Email To: Jimi Yerokun, From: Richard Chang, Subject: RE: SOARCA UA Plan **(6 Pages) Ex. 6**
23. 10/19/2010 Email To: Joseph Zabel, From: Richard Chang, Subject: RE: Main document **(2 Pages) Outside of Scope, Ex. 6**
24. 10/19/2010 Email To: Administrative ServicesCenter, From: Richard Chang, Subject: RE: SOARCA Communications Team **(2 Pages) Ex. 6**
25. 10/19/2010 Email To: Jason Schaperow, From: Richard Chang, Subject: FW: Main document, Attachments: SOARCA\_Executive Summary.red.docx **(2 Pages) Outside of Scope, Ex. 6**
26. 10/14/2010 Email To: Tina Ghosh, From: Richard Chang, Subject: RE: SOARCA Team Meeting – 10/13/10 **(1 Page) Ex. 6**
27. 10/13/2010 Email To: Jason Schaperow, From: Richard Chang, Subject: RE: SOARCA Team Meeting – 10/13/10 **(1 Page) Outside of Scope, Ex. 6**
28. 10/13/2010 Email To: Kenneth Armstrong, From: Richard Chang, Subject: RE: REPLY REQUESTED (by COB 10/13/10): Items Coming to the Commission for Action/Vote **(3 Pages) Ex. 6**



29. 10/13/2010 Email To: Jimi Yerokun, From: Richard Chang, Subject: FW: REPLY REQUESTED (by COB 10/13/10): Items Coming to the Commission for Action/Vote **(3 Pages) Ex. 6**
30. 10/12/2010 Email To: Shawn Burns, From: Richard Chang, Subject: SOARCA IOU 3 of 3 **(2 Pages) Ex. 6**
31. 10/12/2010 Email To: Jimi Yerokun, From: Richard Chang, Subject: RE: The EDO Management mtg. SOARCA Brief Is Now Dec. **(1 Page) Ex. 6**
32. 10/12/2010 Email To: Kathy Gibson, From: Richard Chang, Subject: FW: RESPONSE – Solicitation for Items – October 15<sup>th</sup> EDO Monthly Management Meeting **(3 Pages) Ex. 6**
33. 10/11/2010 Email To: Jimi Yerokin, From: Richard Chang, Subject:FW: SOARCA IOU 2 of 3, Attachments:MainDocument\_RAI\_101008.xls **(1 Page) Ex. 6**
34. 10/07/2010 Email To: Kathy Gibson, From: Richard Chang, Subject: RE: RESPONSE - Solicitation for Items – October 15<sup>th</sup> EDO Monthly Management Meeting **(3 Pages) Ex 6**
35. 10/07/2010 Email To: Jason Schaperow, From: Richard Chang, Subject: RE: SOARCA Team Meeting – 10/7/10 **(1 Page) Outside of Scope, Ex. 6**
36. 10/05/2010 Email To: Scott Burrell, From: Richard Chang, Subject: RE SOARCA **(2 Pages) Ex. 6**
37. 10/06/2010 Email To: Shawn Burns, From: Richard Chang, Subject: FW: SOARCA Team Meeting – 10/7/10 **(1 Page) Ex. 6**
38. Undated Meeting To: Richard Chang, From: Shawn Burns, Subject: SOARCA PM Teleconference **(1 Page) Ex. 6**
39. 10/21/2010 Email to Shawn Burns, From Richard Chang, Subject: Re: September MLSR for the SOARCA Project (N6306) **(1 Page) Ex. 6**
40. 11/17/2010 Email To: Richard Guzman, From: Richard Chang (RES/DSA), Subject: SOARCA Weekly Team Meeting **(2 Pages)(Ex. 6)**
41. 12/02/2010 Email To: Jonathan Barr, From: , Subject: RE: SOARCA Weekly Team Meeting **(1 Page)(Ex. 6)**