NSF 426 Environmental Leadership and Corporate Responsibility Assessment Standard for Servers Joint Committee
Meeting Summary
March 19, 2019

Meeting Summary

Welcome
Jessica Slomka, NSF Secretariat welcomed everyone to the Joint Committee for Environmental Leadership and Corporate Responsibility Assessment Standard for Servers. Jennifer Costley is unable to join the call today. Matthew Realff, Vice Chair, will be joining the call.

Roll Call/ NSF Anti-Trust Statement & IEEE Call for Patents
Slomka took attendance using the participant list generated by BlueJeans, and then asked those on the phone only to state their name and affiliation. There were 23 out of 44 JC members in attendance, meeting quorum requirements. The meeting attendance record is located at the end of this document. Jessica Slomka read the NSF Anti-Trust Statement and noted that there were no concerns raised.

Review Agenda
Realff reviewed the agenda, noting that the meeting has been shortened and is scheduled for only 1 hour.

Agenda
- Roll Call / Anti-Trust / Review Agenda/ Approve September 18, 2018 meeting summary
- Review Status
  - Outstanding Issue Papers
  - Small Group on Supplier Scope
- Proposal to Defer Issue Papers to NSF 487, Corporate Common Criteria Standard
- Next Steps & Wrap Up
  - Future meetings
  - Next standard revision
- Adjourn

Approval of September 18th, 2018 Meeting Summary

Motion: Realff asked for a motion to approve the September 18th meeting summary.
   a. Motion: Fareed Ferhut
   b. Second: Donna Sadowy
   c. Consensus: All in favor – no objections; meeting summary approved

Review Status
- **Outstanding Issue Papers**

Realff summarized the current status of Issue Papers and Requests for Interpretation.

- The JC has responded to all Requests for Interpretations. NSF has not received any new requests since the revision ballot last year.

- There are 4 outstanding Issue Papers that were submitted last year, which the JC chose not to address in the 2018 revision to the standard, as shown in the Log of Issue Papers, including:
  - Energy Efficient Supply Chains (2 Issue Papers)
    - 5.5.1 Add a requirement for public disclosure to the criterion that applies to supplier's facilities.
    - Add a new criteria that applies to manufacturer's facilities
  - Renewable Energy
    - Add 2 new criteria for use of renewable energy by manufacturers and suppliers. This Issue Paper requested the adoption of IEEE 1680.1-2018 criteria (4.9.4.1 and 4.9.4.2).
  - Environmental Management Systems (EMS)
    - This final Issue Paper requested the deletion of criterion 12.1.1 -- Required EMS that allows for self-declared environmental management system AND changing the optional criterion 12.1.2 – EMS certification – to a required criterion.

Realff asked the JC if they wanted to address these Issue Papers in the server Joint Committee or defer them to the soon-to-be-launched NSF 487 Joint Committee for Corporate Common Criteria. The scope of NSF 487 includes all of the open Issue Paper requests, plus other criteria like social responsibility and corporate reporting. Realff noted that the NSF 487 process is scheduled to launch in May 2019 and publish in Fall 2020. Jennifer Costley has agreed to Chair the new NSF 487 Joint Committee, and I have agreed to Co-Chair the Committee, so there will be continuity. After the NSF 487 Common Criteria standard is published, this Server Joint Committee will reconvene to consider an Issue Paper to amend the NSF 426 server standard to remove corporate common criteria, and instead reference NSF 487. Other standards would need to use their amendment processes to do the same.

Discussion:

- There were questions and discussion about the timeframe and process for integrating the Corporate Common Criteria standard into the server standard and the IEEE and UL standards. It was agreed that since all the standards are voluntary consensus standards, each standard's committee would need to use their revision processes to reference NSF 487, and remove duplicate criteria.

Before continuing the discussion, Realff asked Patty Dillon to review the topics and timeline for NSF 487. The scope of NSF 487 will include approximately 15 to 20 corporate environmental and social criteria applicable to all IT product categories covering topics such as:

- Responsible end-of-life management
- Manufacturing chemicals
- Environmental managements systems

- Corporate reporting and public disclosure
- Responsible mineral sourcing (conflict minerals)
- Corporate social responsibility
- Energy management & renewable energy
- Life cycle assessments & carbon footprinting
- Transportation

Dillon then shared the proposed schedule for the NSF 487 process.

Task/Milestone	Schedule
Call for Participation on NSF Joint Committee (JC)	May 2019
JC Kickoff Call	June 2019
JC Kick Off calls	July & August 2019
Face-to face meeting (2 - 3 days)	September 2019
JC conference calls (over 5- 6 months) & Small ad hoc groups	October 2019 - March, 2020
Ballot (30 days)/ANSI public comment (NSF 45 days) - Responses to ballot and public comments - Address negative votes - Possible F2F in May, if needed to address comments	April - May 2020
Ballot recirculation	July 2020
Approved via balloting (assuming 2 ballot rounds)	August 2020
SDO approval & publishing	October 2020
Total Timeline	**~17 months**

Discussion (continued):
- Concern was expressed that there was no guarantee that NSF 487 would be adopted by each of the standards in its entirety. While there are no guarantees, this would defeat the purpose of a common criteria standard, which is intended to create efficiencies in criteria development and maintenance, in addition to efficiencies for all parties involved in conformity assessment.
- Will bringing the NSF 426 Issue Papers into the NSF 487 process delay their inclusion into the server standard? Dillon responded that there would be a slight delay. She noted that EPEAT only allows one revision annually, so wouldn't be in a position to adopt another revision for a year from adoption of the 2018 revision.
- Additionally, there is no requirement for the NSF 487 JC to address the criteria in the NSF 426 Issue Papers. Realff suggested that the server JC could table the Issue Papers until it was certain that the criteria were addressed by the NSF 487 JC. He further suggested that the NSF 426 Issue Papers could be submitted to the NSF 487 process. This raised additional

       concerns that the criteria could be debated in the NSF 487 process, and if not included in NSF 487, the server JC could be asked to debate the same criteria. Future consideration in NSF 426 should only be allowed if the topic was out of scope of 487, and not if a decision was made to exclude or not accept the requested revision.

- Slomka shared the language from the ANSI PINS with the JC:

  ANSI PINS: BSR/NSF 487-201x, Electronic Products Sustainability Standard - Common Criteria (new standard) This is a sustainability leadership standard for the IT sector. This Standard addresses common criteria across the IT sector and addresses sustainability attributes and performance areas such as end-of-life management, life cycle assessments and carbon footprinting, manufacturing chemicals and energy management, use of renewable energy, corporate reporting and public disclosure, conflict minerals and corporate social responsibility.

Motion: Realff asked for a motion to move the 4 remaining Issue Papers and supplier small group discussion to the NSF 487 Common Criteria Standard.
- a. Motion: Holly Elwood
- b. Second: Wayne Rifer
- c. Consensus: Realff asked if there were any objections – no objections.

2nd Motion: Realff asked for a motion to table the 4 remaining Issue Papers within NSF 426.
- a. Motion: Steve Risotto
- b. Second: Tim Earl
- c. Discussion: There was a request to put a time limit in the motion.

Amended Motion: Realff asked for a motion to table the 4 remaining Issue Papers until the point in the 487 process where the scope has been established.
- d. Consensus: Realff asked if there were any objections – no objections.

Next Steps & Wrap Up

Realff thanked everyone for their work on the server JC, and summarized next steps:

- The JC will convene, as needed, over the next year, to address any new Issue Papers or Requests for Interpretation that NSF receives. Committee members should have placeholders on the calendar for calls every other month. We will cancel meetings 2 weeks in advance if NSF receives no new submittals.

- Everyone on the NSF 426 server JC will receive an invitation to join the NSF 487 JC. Look out for an email in May. All NSF 426 JC members will need to sign up for the NSF 487 JC. Membership is NOT automatic.

Realff asked if there were any questions.

Discussion:

- The 487 JC will be open to all interested individuals. In forming the JC, the Chairs will consider balance of stakeholder interest, as required by NSF policies.

Adjourn: Realff asked for a motion to adjourn the meeting.
  a. Motion: Lucian Turk
  b. Second: Mary Rose Nguyen
  c. All approved: Yes (no objections)

3/19/19 Meeting Attendees

Meeting Attendees   Spreadsheet

Company	Name ⬆	Interest Category	Role
Green Electronics Council	Braun, Kim		Guest
ITIC	Chris Cleet	Manufacturer	Member
ICF International	John Clinger	Public Health / Regulatory	Member
Green Electronics Council	Patty Dillon	General Interest	Observer
GBH International	Tim Earl	Other Industry	Member
U.S. Environmental Protection Agency	Holly Elwood	Public Health / Regulatory	Member
California EPA - Department of Resources	Fareed Ferhut	Public Health / Regulatory	Member
Fujitsu	Dieter Feuerer	Manufacturer	Member
Green Electronics Council	Erin Gately	General Interest	Observer
Intel	Emma Gates	Other Industry	Member
HPE	Derek Hellar	Manufacturer	Member
Underwriters Laboratories, Inc.	William Hoffman	User	Member
ECD Compliance.	Walter Jager	User	Member
The Vinyl Institute	Richard Krock	Other Industry	Member
IBM - United States	Tim Mann	Manufacturer	Member
US General Services Administration	Michael Morimoto	Public Health / Regulatory	Member
---	Nagatomo, Yasutaka		Guest
Strategy Advisory LLC	Mary-Rose Nguyen	User	Member
Rochester Institute of Technology	Sidney Pendelberry	Public Health / Regulatory	Member
Cisco Systems, Inc.	Daisy Poon	General Interest	Observer
Georgia Institute of Technology	Matthew Realff	Public Health / Regulatory	Vice chair
Rifer Environmental	Wayne Rifer	User	Member
American Chemistry Council	Steve Risotto	Other Industry	Member
AMD	Donna Sadowy	Other Industry	Member
US Department of Energy	Paul Scheihing	General Interest	Observer
NSF International	Jessica Slomka	General Interest	Secretariat
Dell, Inc.	Lucian Turk	Manufacturer	Member
Lawrence Berkeley National Lab	Vestal Tutterow, P.E.	Public Health / Regulatory	Member

| U.S. Department of Labor | Jeffrey Wheeler | Public Health / Regulatory | Member |
| University of California | Dave Zavatson | User | Member |