Email This Letter

06 December 2006

William R Goldbach
3225 Poinsetta CT
Chester, VA 23831 USA
wgoldbach@ieee.org

Re: PC62.35 - Standard Test Specifications for Avalanche Junction Semiconductor Surge Protective Devices

Dear William:

I am pleased to report that on 06 December 2006 the IEEE-SA Standards Board approved the extension request of the above-referenced project until 31 December 2007.

If you should have any further questions, please contact me at +1 732 562 6003 or by email at s.hampton@ieee.org.

Sincerely,

Sherry Hampton
Administrator, Governance
Standards Activities
Phone +1 732 562 6003
FAX +1 732 875 0695
Email: s.hampton@ieee.org

CC: d.dorr@ieee.org, stds-pes-scc@ieee.org

IEEE-SA Standards Board Extension Request

Revised 23 June 2004

1. Date of Request: 29-Sep-06

2. Assigned Project Number: PC62.35

3. Project Title: Standard Test Specifications for Avalanche Junction Semiconductor Surge Protective Devices
a. Name of Working Group (WG): Low Voltage Solid State Surge Protective Device Components, 3.6.2
b. Name of Working Group Chair: Michael (Mick) J Maytum
c. Name of Sponsoring Society and Committee: PES Surge Protective Devices Committee
d. Name of Sponsoring Committee Chair: Doug Dorr

4. Contact Information (Contact should be the person who will answer any questions concerning this extension request):
a. Name: William Goldbach
b. Telephone: 804-318-1739
c. FAX:
d. EMAIL: wgoldbach@ieee.org

5. Statement of why an extension is required. This should include a description of what the working group has accomplished and what remains to be accomplished, along with the reasons why the work was unable to be completed in the allotted timeframe The document has been submitted for ballot on 29 September 2006. From the ballot comments received there may be possibly a re-ballot, hence the RevCom date of June 2007. A new process has been implimented in SPDC. Subcommittee 3.2 now vets all new or modified definitions. Being the first to use this system it took 3 meetings (1.5 years to get the PC62.35 terms and definitions signed off)

6. History
a. What date was the PAR first approved? 16-Sep-99
b. What date did you begin writing the first draft? 13-May-00
c. How many people are actively working on the project? 12
d. How many times a year does the working group meet:
   1. In person? 2
   2. Via teleconference? 0
e. How many times a year is a draft circulated to the working group via electronic means? 2

7. Document Progress
a. What percentage of the Draft is stable? 100%
b. How many significant work revisions has the Draft been through? 11

8. Project Plan

(Item #8a is only for projects that have been balloted. If your draft has not yet gone to ballot, please go to Item #8b)

a. Balloting History - Provide history of all IEEE Sponsor ballots under this project::

1st Ballot Close date (or scheduled close):
1st Ballot Draft Number:
1st Ballot results (% affirmative, %negative, %abstain):

2nd Ballot Close date (or scheduled close):
2nd Ballot Draft Number:
2nd Ballot results (% affirmative, %negative, %abstain):

(Add additional entries for ballots as needed):

When do you estimate that the final IEEE Sponsor ballot will be completed?
When do you expect to submit the proposed standard to RevCom?

b. For projects that have not yet begun Sponsor ballot, please answer the following:

When will IEEE sponsor balloting begin? `7-Oct-06`
When do you estimate that the final IEEE Sponsor ballot will be completed? `10-May-07`
When do you expect to submit the proposed standard to RevCom? `8-Jun-07`

9. Future Adoptions

- If this is a new document, will it be adopted (in part or in whole) by another national, regional or international organization? Do Not Know If yes, which organization?
- If this is a revision of an existing document, has this document been adopted by the IEC, ISO, ETSI, SCC, etc? Yes If yes, which organization? IEC 37 B IEC 61643-321

10. Additional Extensions

a. Is this the first request for an extension? No (If yes, please do not go any further. You have completed the form.)
b. If not, when was the previous extension approved? `7-Dec-05`

After completion of this form, please e-mail this to the NesCom Administrator at nescom-admin@ieee.org. Confirmation of submittal will be sent on receipt of this request.

Email This Letter

09 December 2005

James W Wilson
1961 Dougherty Ferry Rd.
Kirkwood, MO 63122-3538
jwwilson@ieee.org

Re: PC62.35 - Standard Test Specifications for Avalanche Junction Semiconductor Surge Protective Devices

Dear James:

I am pleased to report that on 07 December 2005 the IEEE-SA Standards Board approved the extension request of the above-referenced project until 31 December 2006.

If you should have any further questions, please contact me at 732-562-6367 or by email at j.haasz@ieee.org.

Sincerely,

Jodi Haasz
Program Manager
International Stds Programs and Governance
Standards Activities
Phone +1 732 562 6367
FAX +1 732 875 0695
Email: j.haasz@ieee.org

CC: rodenberg@transtector.com, rodenberg@transtector.com, stds-pes-scc@ieee.org

IEEE-SA Standards Board Extension Request

Revised 23 June 2004

1. Date of Request: 14-Oct-05

2. Assigned Project Number: PC62.35

3. Project Title: Standard Specifications for avalanche junction semiconductor surge protective devices
a. Name of Working Group (WG): 3.6.2
b. Name of Working Group Chair: M J Maytum
c. Name of Sponsoring Society and Committee: PES, SPDC
d. Name of Sponsoring Committee Chair: Richard Odenberg

4. Contact Information (Contact should be the person who will answer any questions concerning this extension request):
a. Name: William Goldbach
b. Telephone: 804-236-3302
c. FAX: 804-236-4040
d. EMAIL: wgoldbach@danaher-DPS.com

5. Statement of why an extension is required. This should include a description of what the working group has accomplished and what remains to be accomplished, along with the reasons why the work was unable to be completed in the allotted timeframe The document body text is complete and the front matter is being updated to comply with the IEEE 2005 Style Guide requirement. The balloting process will start in November 2005. The balloting process is unlikely to conclude before the PAR runs out in 31 December 2005. Two factors gave a three meeting delay (equivalent to 1 and a half years) to the project. The first was a cancelled SPDC meeting due to 9/11 and the second was a new SPDC requirement to have the definitions approved by SPDC SC 3.2 (Bibliography and Definitions). The PC62.35 definitions were very much a "pipecleaner" for the new SC 3.2 vetting process and it took two SC 3.2 meetings and some subsequent e-mail correspondence to gain SC 3.2 approval.

6. History
a. What date was the PAR first approved? 16-Sep-99
b. What date did you begin writing the first draft? 13-May-00
c. How many people are actively working on the project? 14
d. How many times a year does the working group meet:
   1. In person? 2
   2. Via teleconference? 0
e. How many times a year is a draft circulated to the working group via electronic means? 2

7. Document Progress
a. What percentage of the Draft is stable? 100%
b. How many significant work revisions has the Draft been through? 5

8. Project Plan

(Item #8a is only for projects that have been balloted. If your draft has not yet gone to ballot, please go to Item #8b)

a. Balloting History - Provide history of all IEEE Sponsor ballots under this project::

1st Ballot Close date (or scheduled close):
1st Ballot Draft Number:
1st Ballot results (% affirmative, %negative, %abstain):

2nd Ballot Close date (or scheduled close):
2nd Ballot Draft Number:
2nd Ballot results (% affirmative, %negative, %abstain):

(Add additional entries for ballots as needed):

When do you estimate that the final IEEE Sponsor ballot will be completed?
When do you expect to submit the proposed standard to RevCom?

b. For projects that have not yet begun Sponsor ballot, please answer the following:

When will IEEE sponsor balloting begin? `1-Nov-05`
When do you estimate that the final IEEE Sponsor ballot will be completed? 1-May-06
When do you expect to submit the proposed standard to RevCom? 1-Jun-06

9. Future Adoptions

- If this is a new document, will it be adopted (in part or in whole) by another national, regional or international organization? Choose One If yes, which organization?
- If this is a revision of an existing document, has this document been adopted by the IEC, ISO, ETSI, SCC, etc? No If yes, which organization?

10. Additional Extensions

a. Is this the first request for an extension? No (If yes, please do not go any further. You have completed the form.)
b. If not, when was the previous extension approved? `12-Dec-03`

After completion of this form, please e-mail this to the NesCom Administrator at nescom-admin@ieee.org. Confirmation of submittal will be sent on receipt of this request.

Email This Letter

12 December 2003

William Goldbach
Danaher Power Solutions
5900 Eastport Blvd, Bldg V
Richmond, VA 23231-4453
wgoldbach@danaher-DPS.com

Re: PC62.35 - Standard Test Specifications for Avalanche Junction Semiconductor Surge Protective Devices

Dear William:

I am pleased to report that on 10 December 2003 the IEEE-SA Standards Board approved the extension request of the above-referenced project until 31 December 2005.

If you should have any further questions, please contact me at 732-562-6367 or by email at j.haasz@ieee.org.

Sincerely,

Jodi Haasz
Program Manager
International Stds Programs and Governance
Standards Activities
Phone +1 732 562 6367
FAX +1 208 460 5300
Email: j.haasz@ieee.org

cc: rodenberg@transtector.com, jwoodworth@ieee.org, stds-pes-scc@ieee.org

IEEE-SA Standards Board Extension Request

Revised 6 December 2000

1. Date of Request: 20-Oct-03

2. Assigned Project Number: Pc62.35

3. Project Title: Standard Specifications for avalanche junction semiconductor surge protective devices
a. Name of Working Group(WG): 3.6.2
b. Name of Working Group Chair: M J Maytum
c. Name of Sponsoring Society and Committee: PES, SPDC
d. Name of Sponsoring Committee Chair: Richard Odenberg

4. Contact Information (Contact should be the person who will answer any questions concerning this extension request):
a. Name: William Goldbach
b. Telephone: 804-236-3302
c. FAX: 804-236-4040
d. EMAIL: wgoldbach@ieee.org

5. Statement of why an extension is required. If this is a request for an additional extension, please state why you believe that this extension request will be your final request, and the reason for this additional extension. Standard was reaffirmed in 2000(PAR in 1999), and the revision has taken longer than estimated with the introduction of improved technology, etc. Additional time is required to adequately complete this project.

6. History
a. When was the PAR first approved? 16-Sep-99
b. When did you begin writing the first draft? 1-Oct-00
c. How many people are actively working on the project? 10
d. How many times a year does the working group meet in person? 2
e. How frequently is a draft version circulated to the working group via electronic means? At least once per year

7. Document Progress
a. How much of the Draft is stable? 70%
b. How many significant work revisions has the Draft been through? 7
c. Briefly describe what the development group has already accomplished, and what remains to be done. Finalization of new terms and test methods

8. Project Plan
a. When did/will IEEE sponsor balloting begin? 1-Jan-05
b. When do you estimate that the final IEEE Sponsor ballot will be completed? 1-May-05
c. When do you expect to submit the proposed standard to RevCom? Aug 2005

d. Do you see value in help or mentoring from the Standards Board staff to meet your projected schedule? If so, what kind of help would be useful?

9. Additional Extensions
a. Is this the first request for an extension? Yes (If yes, please do not go any further. You have completed the form.)
b. If not, when was the previous extension approved?
c. How much additional time is needed to complete the project? years

After completion of this form, please e-mail this to the NesCom Administrator at nescom-admin@ieee.org. Confirmation of submittal will be sent on receipt of this request.

IEEE-SA Standards Board Project Authorization Request (PAR) Form (1999-Rev 1)

Note: For use with help hyperlinks offline, download guide.html and parsgn99.html into the same directory.

1. Sponsor Date of Request	2. Assigned Project	3. PAR Approval Date
1999 July 22	PC62.35	16 September 1999

{Copyright release must be submitted with appropriate signatures by postal mail or FAX (1-732-562-1571)}

[X] PAR Signature Page on File {IEEE Staff to check box}

4. Project Title, Recorder and Working Group/Sponsor for this Project

Document type and title: {Place an X in only one option below}

- [**X**] **Standard for** {document stressing the verb "shall"}
- [..] **Recommended Practice for** {document stressing the verb "should"}
- [..] **Guide for** {document in which good practices are suggested}

Title: "Standard test specifications for avalanche junction semiconductor surge protective devices."

Name of Working Group: **"Low Voltage Solid State Surge Protective Devices" Working Group 3.6.2**
Name of Working Group Chair (if different): Richard Odenberg

		IEEE/Affiliate Member #	**01915099**
Company:	**Transtector Systems**	Telephone:	**208-772-8515**
Address:	**10701 Airport Drive**	FAX:	**208-762-6163**
City/State/Zip:	**Hayden, ID 83835**	Email:	**Rodenberg@transtector.com**

Name of Sponsoring Society and Committee: "Surge Protective Devices"
Name of Committee Sponsor Chair: **Gerald Lee**

		IEEE/Affiliate Member #	**6546790**
Company:	**Bonneville Power ADM**	Telephone:	**360-418-2606**
Address:	**5411 NE HWY 99 – 98663**	FAX:	**360-418-2958**
City/State/Zip:	**Vancouver, WA 98666**	Email:	Gelee@bpa.gov

5. Describe This Project; *Answer each of four questions below:*

a. Update an existing PAR [Yes/NO] **NO**

If YES, indicate PAR Number/Approval Date [P####-YEAR]
If YES, attach a cover letter indicating changes/rationale for changes.
If YES, is this project in ballot now? [yes/no]

- Choose one from the following:

[...] New Standard
[**x**] Revision of existing Standard {number and year} **C62.35-1993**
[...] Amendment (Supplement) to an existing standard {number and year} [...]
[...] Corrigenda to an existing standard {number and year} [...]

- Choose one from the following:

[**x**] Full Use (5-year life cycle)
[...] Trial Use (2-year life cycle)

- Choose one from the following:

[**x**] Individual Sponsor Balloting
[...] Entity Sponsor Balloting

- Fill in Target Completion Date to IEEE RevCom : **12 / 2003**

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6. Scope of Proposed Project:

[
what is being done, including technical boundaries on the work. This should be brief (less than 5 lines recommended). For Standard revisions the scope should reflect the scope of the resultant standard, including the scope of the original standard, supplements and additions.
]
Add new test methods for device characterization that are required for data circuit applications and multiple components within a single package. These tests will require updating the document to include new terms, definitions, and device description. Some specific test methods to be added are ESD Limiting Voltage, Crosstalk, Insertion Loss, Signal Line Balance, Simultaneous Surge, and Bit error Rate

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7. Purpose of Proposed Project:

[
Why it is being done, including intended users, and benefits to users This should be brief (less than 5 lines recommended). For Standards revisions, the purpose should be the purpose of the original standard and include why the standard is being revised.

]**These test methods are required to characterize the device for applications in data circuits and determine the effects of data loss due to crosstalk and insertion loss. Additionally, these tests will provide the designer with protection effectiveness of the component when used to protect sensitive IC components & equipment. Standardized test methods are needed to insure component performance when subjected to fast transient events such as ESD and EFT.**

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8. Intellectual Property {Answer each of the questions below}

a. Are you aware of any patents relevant to this project?

[**NO**] {Yes, with detailed explanation below / No}
[...] {Explanation}

- Are you aware of any copyrights relevant to this project?

[**NO**] {Yes, with detailed explanation below / No}
[...] {Explanation}

- Are you aware of any trademarks relevant to this project?

[**NO**] {Yes, with detailed explanation below / No}
[...] {Explanation}

- Are you aware of any registration of objects or numbers relevant to this project?

NO] {Yes, with detailed explanation below / No}
[...] {Explanation}

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9. Are you aware of any other standards or projects with a similar scope?

[**NO**] {Yes, with detailed explanation below / No}
[...] {Explanation}

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10. International Harmonization

Is this standard planned for adoption by another international organization?
Don't know at this time {Yes/No/?? if you don't know at this time}
If Yes: Which International Organization [...]
If Yes: Include coordination in question 13 below
If No: Explanation [...]

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11. Is this project intended to focus on health, safety or environmental issues?

[NO] {Yes/No/?? if you don't know at this time}
If Yes: Explanation [...]

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12. Proposed Coordination/Recommended Method of Coordination

a. Mandatory Coordination

SCC 10 (IEEE Dictionary)	by **DR** {Circulation of **DR**afts}
IEEE Staff Editorial Review by	by **DR**
SCC 14 (Quantities, Units and Letter symbols)	by **DR**

- Coordination requested by Sponsor:

[.....]	by [...]	{circulation of **DR**afts/**LI**aison memb/**CO**mmon memb}
[.....]	by [...]	{circulation of **DR**afts/**LI**aison memb/**CO**mmon memb}
[.....]	by [...]	{circulation of **DR**afts/**LI**aison memb/**CO**mmon memb}
[.....]	by [...]	{circulation of **DR**afts/**LI**aison memb/**CO**mmon memb}

- Coordination Requested by Others:

[...] {added by staff}**Coordination with U.S. Technical advisory Group (TAG) To IEC TC37/ SC37B**
Coordination with ANS C62

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13. Additional Explanation Notes: {Item Number and Explanation}

[...]{If necessary, these can be continued on additional pages}
The PAR Copyright Release and Signature Page must be submitted by FAX or physical delivery before this PAR will be sent on for NesCom and Standards Board approval.

To: j.posey@worldnet.att.net
From: Jodi Haasz <j.haasz@ieee.org>
Subject: PC62.35 Standard Test Specifications for Avalanche Junction Semiconductor Surge Protective Devices
Cc: gelee@bpa.gov, rodenberg@transtector.com
Bcc:
X-Attachments: C62-35.pdf

30 September 1999

Mr. John Posey
6669 Arlington Drive
PO Box 309
Westfield Center, OH 44251

Re: PC62.35 Standard Test Specifications for Avalanche Junction Semiconductor Surge Protective Devices

Dear Mr. Posey:

I am pleased to inform you that on 16 September 1999 the IEEE-SA Standards Board approved the above referenced project with the following changes:

- Scope: Replace the words "high frequency" with the word "data"
- Purpose: Replace the words "high speed" with the word data

A copy of the file is attached in .pdf format.

At the bottom of this e-mail, please find URLs which you may find useful in the development of your proposed standard and in submitting your final draft for approval. Written responses from all committees/organizations listed on the PAR as proposed coordination must be included with the final draft when it is submitted.

If coordination is effected by common membership, i.e., a person on the standard's developing committee who is also a member of the committee/organization specified on the PAR for coordination, there must be a document included with the final draft from that coordinating body which states that person is authorized to represent it. We strongly recommend that a copy of your draft be sent to this office for review prior to the final voting by the working group to allow for a quick review by the editorial staff before sponsor balloting.

If you should have any further questions or would like to receive this information in paper, please contact me at 732-562-6367 or by email at j.haasz@ieee.org

Sincerely,

Jodi Haasz

Administrator, Standards Process Support
NesCom Administrator

cc: G. Lee
R. Odenberg

PS - The information in the .pdf file is viewable in Adobe Reader, version 3.0 or higher. If you do not have this software, please go to http://www.adobe.com/prodindex/acrobat/readstep.html#reader to download the free version.

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Standards Process-at-a-Glance
http://standards.ieee.org/resources/glance.html - A quick-reference site useful to any standards developer.

IEEE Standards Style Manual
http://standards.ieee.org/guides/style/index.html - Guidelines that establish style and format requirements for the preparation of proposed IEEE standards.

IEEE Standards Companion
http://standards.ieee.org/guides/companion/index.html - An overall view of the standards process; what to do, what to avoid, lessons learned, and sample forms.

Implement Plan for Metric Policy 9.20
http://standards.ieee.org/announcements/metric.html - Information on when, why and how the plan will be implemented and what exceptions exist.

Leading a Standards Development Group
http://standards.ieee.org/faqs/ltpres.html#q1 - A free training session offered by staff to make the most of the standards process. After attending, you will have a great understanding of:

- the need for due process and consensus
- how to submit PARs and Drafts
- the "legal" aspects (copyrights, trademarks, patents)
- how staff can help you

Standards Coordinating Committee 10
http://standards.ieee.org/faqs/SCC10.html - An explanation of the importance of coordinating with the IEEE Dictionary (SCC10) as is mandated on the PAR form.

Balloting Information
http://standards.ieee.org/resources/glance_at_balloting.html