

SUMMARY OF TOPICS

The following topics were discussed at the meeting of the Standards Technical Panel for Access Control Systems:

1. Action plan for the proposed sixth edition of the Standard for Access Control System Units, UL 294A; the proposed first edition of the Standard for Access Control Systems Using Power Over Ethernet (PoE), UL 294B; and the proposed first edition of the Standard for Short Range Radio Frequency Devices Used in Access Control Systems, UL 294C

2. International Harmonization

3. Discussion of comments received on the proposed sixth edition of the Standard for Access Control System Units, UL 294A

4. Discussion of comments received on the proposed first edition of the Standard for Access Control Systems Using Power Over Ethernet (PoE), UL 294B

5. Formation of Task Groups

A meeting of the Standards Technical Panel of UL for Access Control Systems was held on April 5, 2011 at the Venetian in Las Vegas, Nevada. The purpose of the meeting was to discuss the proposed sixth edition of UL 294 (proposed to be renumbered as UL 294A) and the proposed first editions of UL 294B and UL 294C.

The purpose of the STP meeting report is to briefly summarize discussions held during the meeting, and to document any resulting outcomes, including planned future action.

CALL TO ORDER, ANNOUNCEMENTS, INTRODUCTION OF MEMBERS, GUESTS, AND OBSERVERS

The STP Chair called the meeting to order and welcomed the meeting attendees. She briefly explained the rules for straw polls at STP meetings and stated that all formal voting would be done through UL's online Collaborative Standards Development System (CSDS). Each meeting attendee was asked to briefly introduce themselves. A roster was circulated to meeting attendees to review for accuracy and to indicate their presence at the meeting.

ANNOUNCEMENTS AND REPORTS FROM THE STP PROJECT MANAGER

The Patent Policy was distributed to meeting attendees. It is available on the Standards STP Internet site, located at <http://ulstandardsinfonet.ul.com/stp/patentpolicy.html>.

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Meeting attendees were reminded that a UL 294 proposal to provide an alternate method for evaluation of criteria for the Temperature Test results for solid state components was still out for preliminary review. Comments were due April 6, 2011.

The current balance of the STP was discussed at the meeting and is shown in the following table:

Interest Category	Number of Members	Interest Category	Number of Members
Producers	5	Government	2
Testing & Standards Organizations	1	Consumer	0
Supply Chain	1	General Interest	5
AHJs	0	Commercial/Industrial User	2

UL's goal is to have no interest category comprise more than one-third of the STP membership.

FUTURE MEETING SCHEDULE

It was determined that future STP 294 meetings will be scheduled as needed.

DISCUSSION OF PROPOSALS AND AGENDA TOPICS

1. Action plan for the proposed sixth edition of the Standard for Access Control System Units, UL 294A; the proposed first edition of the Standard for Access Control Systems Using Power Over Ethernet (PoE), UL 294B; and the proposed first edition of the Standard for Short Range Radio Frequency Devices Used in Access Control Systems, UL 294C

DISCUSSION

The STP Chair provided a history of STP 294. The previous STP meeting was held on March 31, 2009. At that meeting a number of task groups were formed. Over time, these task groups were combined into one task group. The task group started with 10 – 12 members and ended up with 4 – 5 members who met every 2 weeks for the last 2 years. The result of their work is the proposed UL 294A, UL 294B and UL 294C documents. The task group members were thanked for their efforts.

Due to the amount of comments received, the STP Chair noted that this meeting would be focusing on the comments received on UL 294A and UL 294B. The goal is to have a revised version of these proposed standards by June, 2011. UL plans on submitting these drafts to the IEC Working Group for their consideration.

It was acknowledged that the proposed UL 294C was a first draft that needs additional work. It will be developed at a slower pace and may undergo a name and number change. Instead of referencing UL 294C in UL 294A and UL 294B, the reference will be replaced with requirements in the standards. Also, the scope of this proposed standard may change to include additional products.

2. International Harmonization

DISCUSSION

The STP Chair gave a presentation on the international harmonization process, the typical role of industry members in the harmonization process, and the maintenance of an internationally-based standard.

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Following the presentation, it was noted that Frank de Vall and Dan Nita are members of the IEC TC 79 Working Group that is responsible for the proposal of a draft Standard for Electronic Access Control Systems – Part 1: System and Components Requirements, IEC 60839-11-1. It is anticipated that the IEC draft will be ready for national committee review in May/June. Currently the draft is predominately based on the Standard for Electronic Access Control Systems, ULC-S319. Industry and UL would like to submit the current ANSI/UL 294 along with the proposed new editions of UL 294A and UL 294B to the IEC Working Group for their consideration. It is important that these documents are also considered during the IEC's review of existing access control standards.

There was concern expressed that manufacturers have to consider the impact of meeting the criteria of multiple access control standards. Currently end use customers, insurance companies, AHJs, etc. will not accept products that are not in compliance with UL 294. The STP Chair took a straw poll to see how many STP members in attendance would be interested in harmonization efforts with other access control standards. There was consensus that harmonization should strongly be considered. Since ULC plans on adopting the impending IEC standard to replace ULC-S319, industry would be interested in harmonizing with the impending IEC standard.

3. Discussion of comments received on the proposed sixth edition of the Standard for Access Control System Units, UL 294A

DISCUSSION

The proposed sixth edition of the Standard for Access Control System Units, UL 294, was issued for preliminary review on February 16, 2010. In addition, it was proposed that the standard number be changed from UL 294 to UL 294A. Comments received were discussed at the meeting. The resolution for each individual comment can be viewed in CSDS by clicking on "Supporting Documentation" under the Quick View tab on the right-hand side of the meeting area. A pop-up window with the supporting documentation should appear. Select the magnifying glass icon to bring up the document.

There were some general comments received on the proposed standards. There was a call for detailed rationales and justification for some of the changes that were made. It was explained that due to the number of changes, the Task Group could not provide a rationale for every change to the standard. Instead, they tried to highlight what they considered to be the major changes.

It was suggested that some of the terms being used across the three standards needed to be defined. There was also concern that UL 294A does not address offline battery operated products. The STP Chair stated that if a group of manufacturers are not represented on a task group or STP, they should provide her with a possible contact who might be interested in participating in the standards development process.

Lou Chavez explained that the Task Group left the current requirements in UL 294 to generally be covered as Level 1 products. They added requirements to cover the higher levels. There was concern from meeting attendees that products that are currently covered under UL 294 would be forced to meet the higher level requirements based on the new definitions. There was a suggestion to look at the classification system that is being proposed in the draft IEC standard. The Task Group will review the Classes defined in the draft IEC 60839-11-1 and consider whether or not they should be used in UL 294A.

There was concern that the proposed UL 294C standard does not meet the current IEEE requirements. Ken Modeste explained that the Task Group pulled a large portion of the UL 294C requirements from the Standard for Control Units and Accessories for Fire Alarm Systems, UL 864 and modified them for access control systems. The Task Group recognizes that additional work needs to be done on UL 294C.

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