

IEC/IEEE Dual Logo Program

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IEC/IEEE Dual Logo Adoption (Adoption of an IEEE Standard by IEC)

- Submit request for the adoption of an IEEE standard as a potential IEC/IEEE Dual Logo document
 - Request submitted to Sr. Program Manager, International Standards Programs
 - Request shall include information on why document should be submitted
 - Copy staff liaison on request
- Sr. Program Manager, International Standards Programs will contact the appropriate IEEE parties
 - IEEE Sponsor Chair, Standards Coordinator and Working Group Chair

IEC/IEEE Dual Logo Adoption (cont)

- Sr. Program Manager will
 - Review references
 - Does the list of references include only those documents that are needed to implement the standard?
 - Are the references listed cited in the standard?
 - Was the document requested by a particular IEC TC/SC/WG?
 - No
 - Further investigation as to the appropriateness of the submittal will need to be performed
 - May be submitted as a Document for Comment (DC)

IEC/IEEE Dual Logo Adoption (cont)

- Was the document requested by a particular IEC TC/SC/WG (cont)?
 - Yes
 - Request for submittal contained in meeting minutes and approved by the IEC TC/SC?
 - Yes
 - Document submitted to IEC Central Office for circulation to the IEC SMB
 - No
 - Document sent to the appropriate IEC TC/SC as a Document for Comment (DC)
 - Is there an IEC standard/project that overlaps with the potential submittal?
 - Should the document be submitted as an IEC/IEEE Dual Logo document?
 - Are the results of the DC positive for Dual Logo Submittal?
 - Yes – Document submitted to the IEC CO for circulation to the IEC SMB
 - No – Possible further discussion

NPEC Status Update

■ Joint Development Projects:

- IEC/IEEE 62582-1, Nuclear power plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods, Part 1 : General
- IEC/IEEE 62582-2, Nuclear power plants - Instrumentation and control systems important to safety - Electrical equipment condition monitoring methods, Part 2 : Indenter modulus
- IEC/IEEE 62582-3, Nuclear power plants - Instrumentation and control systems important to safety - Electrical equipment condition monitoring methods, Part 3 : Elongation at break
- IEC/IEEE 62582-4, Nuclear power plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods, Part 4 : Oxidation induction techniques
- IEC/IEEE 62582-5, Nuclear power plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods, Part 5 : Optical time domain reflectometry".

IEC/IEEE Joint Development Agreement

- Amendment to the original IEC/IEEE Dual Logo Agreement signed in 2002
- Allows for the joint development of documents between both organizations
 - New Projects
 - Revision of existing Standards

Procedures for Joint Development

- Establishment of a Joint IEC-IEEE Project
 - New or revision to an existing standard in either organization
 - Contact appropriate committee in organization to see if there is mutual interest
 - Both parties agree on the need
 - IEC TC/SC submits a New Work proposal to the IEC Central Office
 - PAR for a New Standard/Revision of an Existing Standard submitted to the IEEE-SA
 - Indicate on the PAR that the document is to be developed with IEC and identify the IEC TC/SC
 - Joint Working Group formed
 - Convenor chosen by the working group
 - Appointment confirmed by both the IEC TC/SC and the IEEE Technical Committee

Procedures for Joint Development (cont)

- Preparation and Circulation of Draft
 - Working group prepares draft for comments utilizing the IEC Standards Development template
 - Draft circulated for three month comment period
 - IEC – National Bodies (experts)
 - IEEE Technical Committee/Working Group to their experts for comment
 - Comments compiled by organization which initiated the project
 - IEC TC/SC Secretariat
 - IEEE Working Group

Procedures for Joint Development (cont)

- Preparation and Circulation of Draft (cont)
 - Compilation of comments circulated to joint working group (may occur numerous times)
 - Copy to IEC TC/SC
 - IEC TC/SC Secretariat shall arrange for the compilation of comments to be circulated to all P-members and O-members of the technical committee or subcommittee (Committee Draft)
 - Copy to IEEE Working Group
 - Comment resolution takes place
 - Once consensus has been reached, document is prepared for ballot
 - IEC – Committee Draft Vote (CDV)
 - IEEE – Sponsor Ballot

Procedures for Joint Development (cont)

■ Balloting

- Both the IEC CDV and the IEEE Sponsor ballot must close on the same date
 - IEC CDV lasts for five months
 - IEEE Sponsor ballot at least a two month period
 - IEEE Sponsor ballot begins with ballot invitation
- Upon close of ballot, ballot resolution takes place by the working group
 - May require recirculation of document to both IEC TC/SC and IEEE working group

Procedures for Joint Development (cont)

- Submission of Document for Approval
 - Submitted for approval simultaneously
 - IEEE Technical Committee submits the draft and supporting document to the IEEE-SA Standards Board for approval
 - IEC Central Office circulates the document as a Final Draft International Standard (FDIS)
 - Ballot open for two months
 - 2/3 of P members must vote affirmatively
 - Not more than a ¼ of the total votes (both P and O members) can be negative
 - Abstentions are not counted
 - If the IEEE-SA Standards Board approves the document and if the FDIS vote in IEC is affirmative, then the document is published as a Joint IEC-IEEE International Standard document.
 - Maintenance performed via the IEC/IEEE Dual Logo Maintenance Procedure

Procedures for Joint Development (cont)

■ Diverging Votes

- During balloting, there may be diverging votes
- IEC and IEEE technical committees should decide if it is possible to reconcile the differences
- If reconciliation is not possible, each organization can proceed to develop the standard independently of each other
- Each organization will retain the copyright of their individual documents

NPEC Status Update

■ Joint Development Projects (SC2):

- IEC/IEEE 62582-1, Nuclear power plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods, Part 1 : General
- IEC/IEEE 62582-2, Nuclear power plants - Instrumentation and control systems important to safety - Electrical equipment condition monitoring methods, Part 2 : Indenter modulus
- IEC/IEEE 62582-3, Nuclear power plants - Instrumentation and control systems important to safety - Electrical equipment condition monitoring methods, Part 3 : Elongation at break
- IEC/IEEE 62582-4, Nuclear power plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods, Part 4 : Oxidation induction techniques
- IEC/IEEE 62582-5, Nuclear power plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods, Part 5 : Optical time domain reflectometry".

NPEC Status Update (cont)

- Joint Development Projects (SC5):
 - Standard on Computerized Procedures

Summary

- IEEE and IEC remain committed to working together to create international standards
 - Joint development agreement is a big step forward
- Cooperation between committees is key
 - Consider holding meetings to maximize international participation where appropriate
 - Consider a Cat D liaison to formalize communication

Questions?

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