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SUBMITTED FINAL

To: Mr. Richard Moore
Executive Officer

California Board for Professional Engineers,
Land Surveyors and Geologists
2535 Capitol Oaks Drive, Suite 300
Sacramento, CA 95833-2944

March 22, 2017
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Subject: Plumbing Option, Mechanical Engineering-Principles and Practice exam.

Mr. Richard Moore,

Thank you for your response to my letter dated February 27, 2017 requesting the support of the California Board of Registration, for inclusion of a Plumbing Option within the Mechanical Engineering Principles and Practice (PP) exam.

In your response letter dated March 10, 2017 you requested several clarifications before my request can be scheduled, for a future Board meeting. I offer my answers to your requested clarifications:

1. Inclusion of Plumbing Option in the Mechanical Engineering exam will allow engineers/designers with a degree from an ABET accredited course of study and the required experience under the responsible charge of a registered engineer, to sit for the Mechanical Engineering PP exam., under "Plumbing Option". By providing a path to professional registration, those who choose to practice Plumbing Engineering will be attracted to the discipline. The need for new blood is becoming more acute, every day. This will provide a measurable level of competency and will enhance the protection of health, safety and welfare of general public.

We are aware that mistakes of the past in handling sanitation and water distribution, decimated and in some cases completely eliminated civilizations. Plumbing profession was, and still is, humanity's best protector against water borne diseases.

2. The Plumbing Industry has a legitimate need for individuals that meet the requirements of NCEES. These individuals deserve the right to prove their competency in the field of Plumbing. We believe that the time has come to elevate the Plumbing discipline to the same level as other professionals involved in the building industry. Mechanical engineers licensed under present protocols should be allowed to stamp and sign construction documents, but for the future, engineers licensed by taking the Plumbing Option exam, will slowly replace them. This is the path which will substantially improve, the quality of design and construction and better protect the health, safety and welfare of the consumers. Today and especially in the near future, the increasing complexity of HVAC and Plumbing systems, will not permit one person to be efficient and effective in both fields.
3. NCEES Principles and Practice of Engineering exam specifications for Mechanical - HVAC and Refrigeration includes in part I, some tangential questions related to Plumbing discipline. The balance of questions are specific to HVAC discipline. We propose to develop several specific questions related to plumbing. ASPE has the resources and willingness to help in preparation of these specific questions.

Also, please consider that several other PE registered in California will submit to you similar requests. Professional Engineers Engineers from Ohio, Arizona, Michigan and Georgia have already submitted similar requests to their respective Boards of Registration. And the list is adding every week, new States. Additionally ASPE has the support of the National Society of Professional Engineers.

I wish to thank you and your staff, for the time spent to help our organization in this very important issue. Should you have any additional questions or need clarifications, please contact me, at your convenience.

Sincerely yours,
Haig Demergian PE, CPD, FASPE