



Oregon

STATE BOARD OF EXAMINERS
FOR ENGINEERING &
LAND SURVEYING

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EXAMINATIONS & QUALIFICATIONS COMMITTEE

Minutes of Meeting
October 10, 2014

Members present:

Jason Kent, Chair
Shelly Duquette
Steven Burger

Members absent:

William Boyd (excused)

Staff present:

Mari Lopez, Board Administrator
Jenn Gilbert, Executive Assistant
Adaira Floyd, Social and Communications Media Specialist
Jennifer O'Neill, Registration Specialist

Others present:

Katharine Lozano, Assistant Attorney General
Ken Hoffine (observer)
Susan Newstetter (observer, arrived at 10:56 a.m.)

The meeting of the Examinations and Qualifications Committee was called to order at 9:30 a.m. in the OSBEELS Conference Room at 670 Hawthorne Avenue SE, Suite 220, Salem, OR 97301.

Public Comment

There was no public comment.

Unfinished Business

Petroleum Engineering Registration in Oregon

Initially addressed as new business during the August 2014 Committee meeting, William M. Rickard submitted a petition to add the petroleum engineering discipline to the branches examined by the Board as described in OAR 820-010-0450. After subsequent discussions, staff was directed to seek industry input on the matter. Ms. Lopez indicated an effort to contact the Society of Petroleum Engineers (SPE) headquarters in Texas. Ms. Lopez spoke with the society's staff at the headquarters over the phone and through email, where SPE staff suggested that Ms. Lopez contact the Seattle chapter, as it is the nearest chapter to Oregon. Ms. Lopez emailed the Seattle

chapter contact provided by the SPE headquarters in Texas. No response was received. After reaching back out a second time to the headquarters in Texas, no other guidance was provided. Ms. Duquette expressed that there could be positive benefits to petroleum engineering registration in Oregon; however the Committee is not currently getting sufficient support from the professional society. Ms. Lopez added that the grandfathering period may pose difficulties as well, as OSBEELS would be required to review the applications to ensure that applicants are minimally qualified to receive the designation. Some discussion occurred regarding inviting Mr. Rickard to provide public comment on the issue and provide the Board with a chance to explain the attempts the Committee has completed regarding petroleum engineering registration in Oregon and receive more information. Chair Kent suggested that Staff also attempt contacting the Seattle chapter contact by phone. As no phone number was provided by the society headquarters, this may require Staff to do additional research to locate the accurate phone number. Chair Kent opened discussion for considerations, and the following issues were surfaced: Grandfathering rules and applications; industry support or lack of industry support; involvement of the industry's local professional society; and, permitting, environmental and land use issues. Chair Kent indicated that the Oregon Department of Geology and Mineral Industries (DOGAMI) have an oil, gas and geothermal program and directed Staff to contact the department. The discussion is to be continued during the December meeting, pending the information gathered by staff and industry contacts. There was no further discussion.

Lagos, Nicholas - During the August 2014 Committee meeting, the Committee reviewed an application submitted by Mr. Lagos for registration by comity as a professional engineer especially qualified in chemical engineering; however, Mr. Lagos did not disclose that any disciplinary action had occurred in another jurisdiction on his application. The verification received from Florida indicated a letter of guidance was issued against his engineering. As a result, the Committee directed Staff to request that Mr. Lagos submit his corrected application and explanation within two weeks. Mr. Lagos adhered to the Committee's request by submitting the requested documents for consideration, and explaining that he had not understood the letter of guidance to have risen to the level of discipline, requiring disclosure. After discussion, the Committee deemed the matter as compliance met and declined to send the application to the Law Enforcement Committee. The Committee will recommend approving Mr. Lagos's Comity application at the November Board meeting.

Pantier, Ryan J. - During the August 2014 Committee meeting, the Committee reviewed an application submitted by Mr. Pantier to take the Mechanical PE examination, in which Pantier requested special consideration of his Masters of Science degree in Engineering Management in lieu of one year of qualifying experience. The Committee had directed Staff to request that Mr. Pantier submit official descriptions from St. Martin's University of specific courses from his Master's program, which he did. After reviewing the information provided, the Committee determined that the course work did not qualify to substitute one year of experience as allowed by OAR 820-010-0230(3).

Stewart, Michael B. - During the August 2014 Committee meeting, the Committee reviewed an application submitted by Mr. Stewart to take the NCEES Fire Protection Professional Engineering examination. References submitted with his application verify eleven (11) years and nine (9) months of experience. Two (2) years and eight (8) months of that experience is verified

by supervisory Professional Engineer references. He submitted a request for a waiver of references (OAR 820-010-0212 (1)(c)(C)). After discussion, the Committee had directed Staff to request that Mr. Stewart submit an updated official transcript demonstrating his Masters of Science degree and date of conferral. Transcripts have now been received from California Polytechnic State University for Committee consideration. The Committee reviewed the transcripts, and determined they met the requirements of OAR 820-010-0230(3). After discussion, it was moved and seconded (Kent/Duquette) to approve Mr. Stewart's application to take the NCEES Fire Protection Professional Engineer examination, contingent on Mr. Stewart still being employed in the position listed as "current" on the reference submitted under the supervision of the same PE, which would provide him with the necessary combination of education and experience. Otherwise, Mr. Stewart must resubmit his application for approval after gaining additional experience.

Review of Applications

Exams

Carney, Ryan – Mr. Carney submitted an application to take the Fundamentals of Engineering (FE) examination. Staff reported that Mr. Carney's course work completed from the University of Colorado and Northern Arizona University only demonstrates completion of five of the six of nine courses identified in OAR 820-010-0225(1)(d). However, the Committee was asked to consider Mr. Carney's Analytical Mechanics 1 course. The Committee reviewed the documents submitted by Mr. Carney and his Undergraduate Academic Advisor, which included the course outline provided to ABET and course textbook information. After discussion, the Committee recommends the Board approve Mr. Carney's Analytical Mechanics 1 course as completion of a statics course to meet OAR 820-010-0225(1)(d).

DeGroot, Kristian – Mr. DeGroot submitted an application to take the Professional Land Surveying (PLS) examination. Staff reported that Mr. DeGroot's Associate of Applied Science degree in general education is not ABET equivalent, and asked the Committee to determine whether this degree would be considered a qualifying curriculum under OAR 820-010-0226. The Committee reviewed Mr. DeGroot's transcripts and additional detailed materials submitted. During the review of the documents, Chair Kent noted Mr. DeGroot appears to be 1 credit hour short in technical courses (47 credits instead of the required 48 credits) but exceeds the required 24 credit hours in math/science/road design/hydraulics/electricity/construction management/engineering economics with 43 credit hours. The Committee then referred back to Mr. DeGroot's experience, which indicated eleven (11) years and five (5) months verified by a licensed PLS. Utilizing the Education for Experience Matrix, it was moved and seconded (Duquette/Kent) that the Committee recommend that the additional experience completed by Mr. DeGroot adequately substitutes for the deficient semester of education credits.

Ishii, Atsuyoshi – Mr. Ishii previously applied and was approved to take the FE examination based on an evaluation of his educational credentials from Educational Credential Evaluators (ECE) which the Board required at that time. Mr. Ishii failed to obtain a passing score, and reapply to take the exam. As a result, he was required to meet the current evaluation requirements of OAR 820-010-0227(2) and have his degree from Nippon Bunri University evaluated by NCEES Credentials Evaluations.

Mr. Ishii's NCEES Credentials Evaluation indicated that he is deficient in six semester credits in math and basic sciences. Mr. Ishii also submitted nine (9) years and six (6) months of experience verified by supervisory PE references. Staff noted that Mr. Ishii has applied for the FE examination thirteen (13) times and attempted to take the exam nine (9) times, the last time being the April 2012 examination administration. Staff also provided the Committee with an attached letter of evidence of additional study submitted by Mr. Ishii's per OAR 820-010-0465. Utilizing the Education for Experience Matrix, it was moved and seconded (Duquette/Burger) that the Committee recommends approval of Mr. Ishii's qualified experience to make up for the deficient credits. The Committee then reviewed Mr. Ishii's past FE examinations scores and the attached letter of evidence for additional study submitted by Mr. Ishii. After discussion, it was moved and seconded (Burger/Duquette) that the Committee recommends approving Mr. Ishii's application to take the FE examination.

Rasberry, John D. – Mr. Rasberry submitted an application to take the professional mechanical engineering examination. Staff reported that Mr. Rasberry submitted a request for a waiver of references based on OAR 820-010-0212 (1)(c)(C)) His application and request for waiver of PE references were presented to the Committee, but they were referred to the Regulation Department for review.

Re-applications

It was moved and seconded (Kent/Duquette) to approve the Reapplications for the following individuals:

- *Hill, Kareem*
- *Johnson, Matthew*

The motion passed unanimously.

There was additional discussion concerning the following individuals, but the Committee approved these individuals, as they all demonstrated additional exam preparation:

Larkin, Michael – Mr. Larkin submitted a reapplication for admittance to sit for the Oregon Specific Land Surveying Exam; his last attempt occurred in 2012. The Committee reviewed the letter submitted by Mr. Larkin, where he outlined his studies. Staff also provided Mr. Larkin's references. During discussion, Ms. Duquette noted Mr. Larkin's scores have improved in the past. It was moved and seconded (Kent/Duquette) that the Committee approve Mr. Larkin's reapplication. The motion passed unanimously.

Straw, Stephen – Mr. Straw asked to reapply for the FE examination, submitting a letter describing additional study and preparation in which he has and intends to engage. The Committee then reviewed the scores Mr. Straw's May 2014 and July 2014 exams. Staff noted that the new Computer Based Testing (CBT) only allows three attempts within a 12 month period. The motion to approve Mr. Straw's reapplication was passed unanimously.

Comity

Sturm, Richard – The Committee tabled the review of Mr. Sturm's application because official documentation of a current registration in another state has not yet been received.

Files Subject to Monitoring

The Registration Department staff provided a list of files currently be monitored. These files are in various stages of the notice of intent process, with the Regulation Department for review, or have requested a hearing with the Office of Administrative Hearings.

The meeting adjourned at 11:00 a.m.