

### **Quality Assurance Program during COL Application Preparation**

Black and Veatch has been selected as the COLA contractor responsible for activities related to COLA preparation. The Detroit Edison COL Application Project, including the site characterization and COL preparation be performed under Black & Veatch's Quality Assurance Program, which complies with 10 CFR50, Appendix B and ASME NQA-1. The Black and Veatch Nuclear Quality Assurance Program invokes the applicable requirements of 10CFR50.55(e) and 10CFR21. The Black & Veatch Quality Assurance Program is implemented by way of the Black & Veatch set of Nuclear Procedures (NPs) that fulfill the requirements of ASME NQA-1 and the associated ANSI N45 nuclear standards. The Black & Veatch Quality Assurance Program has been audited and found acceptable by other US nuclear utilities, including Entergy, AEP and NPPD .

The Black & Veatch QA Program allows for project specific procedures which are addressed in detail in the Project Management Manual (PMM) or the Project Design Manual. The PMM is the vehicle to identify which activities in the project require the application of the Black & Veatch Nuclear Quality Assurance Program and those that can be performed under the Black & Veatch Energy Commercial Quality Assurance Program.

The following clarifications regarding the applicability of the nuclear quality assurance program as it relates to COL scopes of work apply:

<b>Activity</b>	<b>Nuclear Quality Assurance Program Applicability<sup>1</sup></b>
FSAR Chapters 1, 10, 11, 12, 13, 17, and 19 development	Commercial quality program applies
FSAR Chapters 2, 3, 4, 5, 6, 7, 8, 9, 14, 15, 16, 18 and 20	Nuclear Quality Assurance Program applies
Environmental Report	Commercial quality program applies
Hydrological Site Boring Program	Commercial quality program applies
Geotechnical Site Boring Program	Nuclear Quality Assurance Program applies
Site Specific System Design (nonsafety)	Commercial quality program applies
Radiological Analysis and Associated Meteorological Analysis (sub-contracted)	Nuclear Quality Assurance Program applies
Technical Advisory Board	Commercial quality program applies
Site Surveying	Commercial quality program applies

<sup>1</sup> Where the Nuclear Quality Assurance Program applies procurement documents shall include B&V's requirements for reporting and approving the disposition of nonconformances. The documents shall also include the requirements of 10CFR21.

Emergency Plan	Commercial quality program applies
Security Plan	Commercial quality program applies
DCD Departures if any	Commercial quality program applies unless dealing with safety related SSCs
Site Redress Plan	Commercial quality program applies